

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Gulf Oil Corporation

## 3. ADDRESS OF OPERATOR

P. O. Box 2619, Casper, Wyoming 82601

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

956' SNL and 1857' WEL Section 12-8S-21E

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approx 22 miles south of Vernal, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

956' SNL Section

12-8S-21E

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1100' to

well No. 11

## 16. NO. OF ACRES IN LEASE

2350

## 19. PROPOSED DEPTH

11,700 TD

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

----

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5052' ungraded ground

## 22. APPROX. DATE WORK WILL START\*

Immediately upon approval

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	13-3/8" OD new	65# new	40'	cmt to surface
12-1/4"	9-5/8" OD new	36# K55 new	1,000'	cmt to surface
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6"	5" OD new	18# P110 new	Liner fm 8500' to TD	cmt all of Liner

Propose to drill this well as a fuel supply gas well for operations in the Wonsits Valley Unit. See attachments for details.

Plan to flare any gas encountered during and subsequent to completion to clean up and evaluate well.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MININGDATE: 9-29-76BY: C.B. Light

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

J. A. Layton

TITLE

Area Drilling Supt.

DATE

Sep 24, 1976

(This space for Federal or State office use)

PERMIT NO.

B-047-30238

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-386  
839-171

USGS (3); 8426 Federal Building; 125 S. State Street; Salt Lake City, Utah 84138 Attn: Mr. Gerald Daniels

Utah Oil and Gas Commission (2); 1588 W. N. Temple; Salt Lake City, Utah 84116 Attn: Mr. Cleon Feight

Bureau of Indian Affairs; Uintah and Ouray Agency; Fort Duchesne, Utah 84026

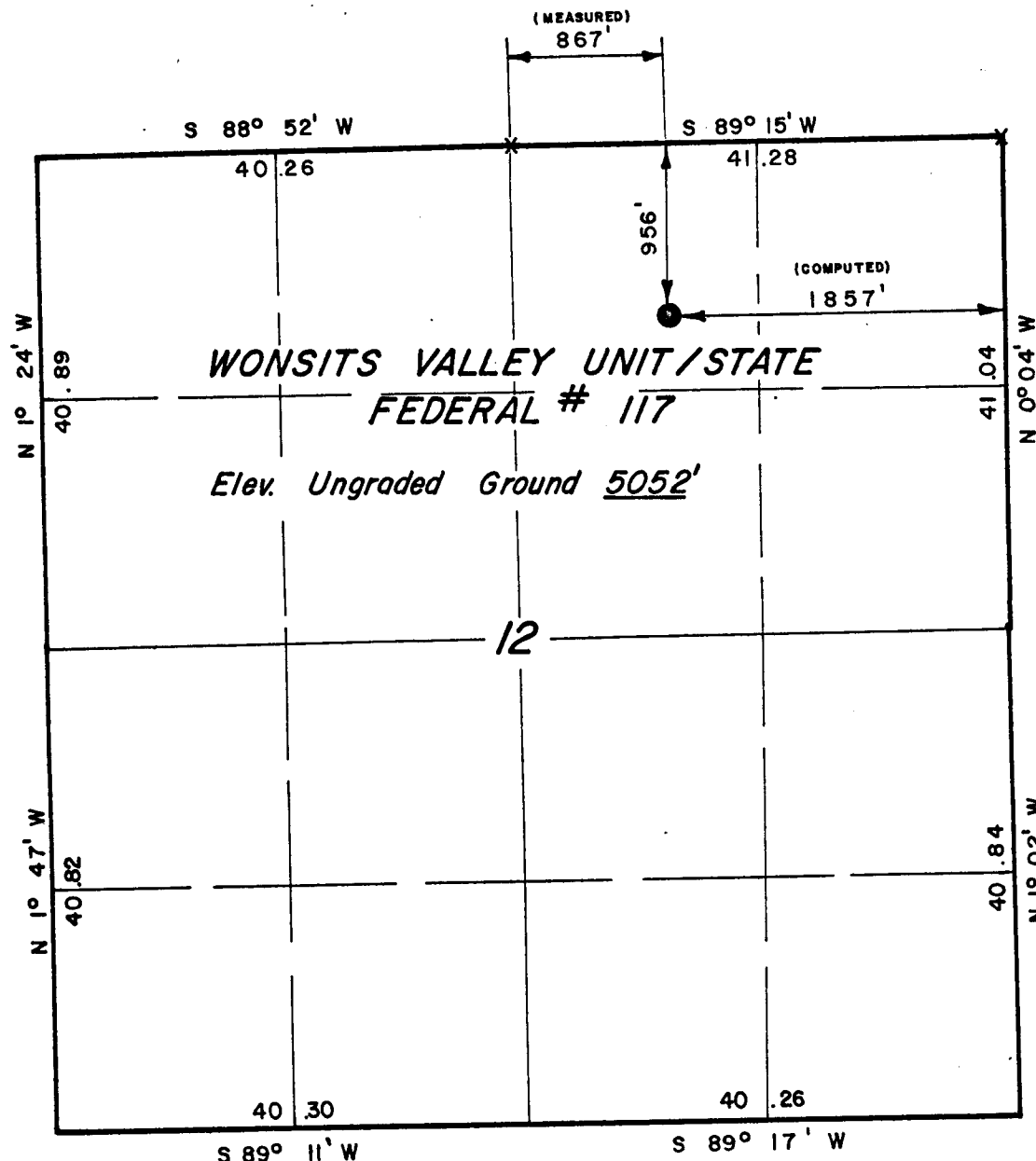
Gulf Oil Corporation; P. O. Box 2100; 18th Floor; Houston, Texas 77001 Attn: Mr. W. F. Pinkerton

T8S, R21E, S.L.B. & M.

PROJECT

GULF ENERGY & MINERALS CO.

Well location, Wonsits Valley Unit / State  
Federal # 117, located as shown in the  
NW1/4 NE1/4 Section 12, T8S, R21E,  
S.L.B. & M. Uintah County, Utah.



X = Section corners located. (Brass cap)



CERTIFICATE

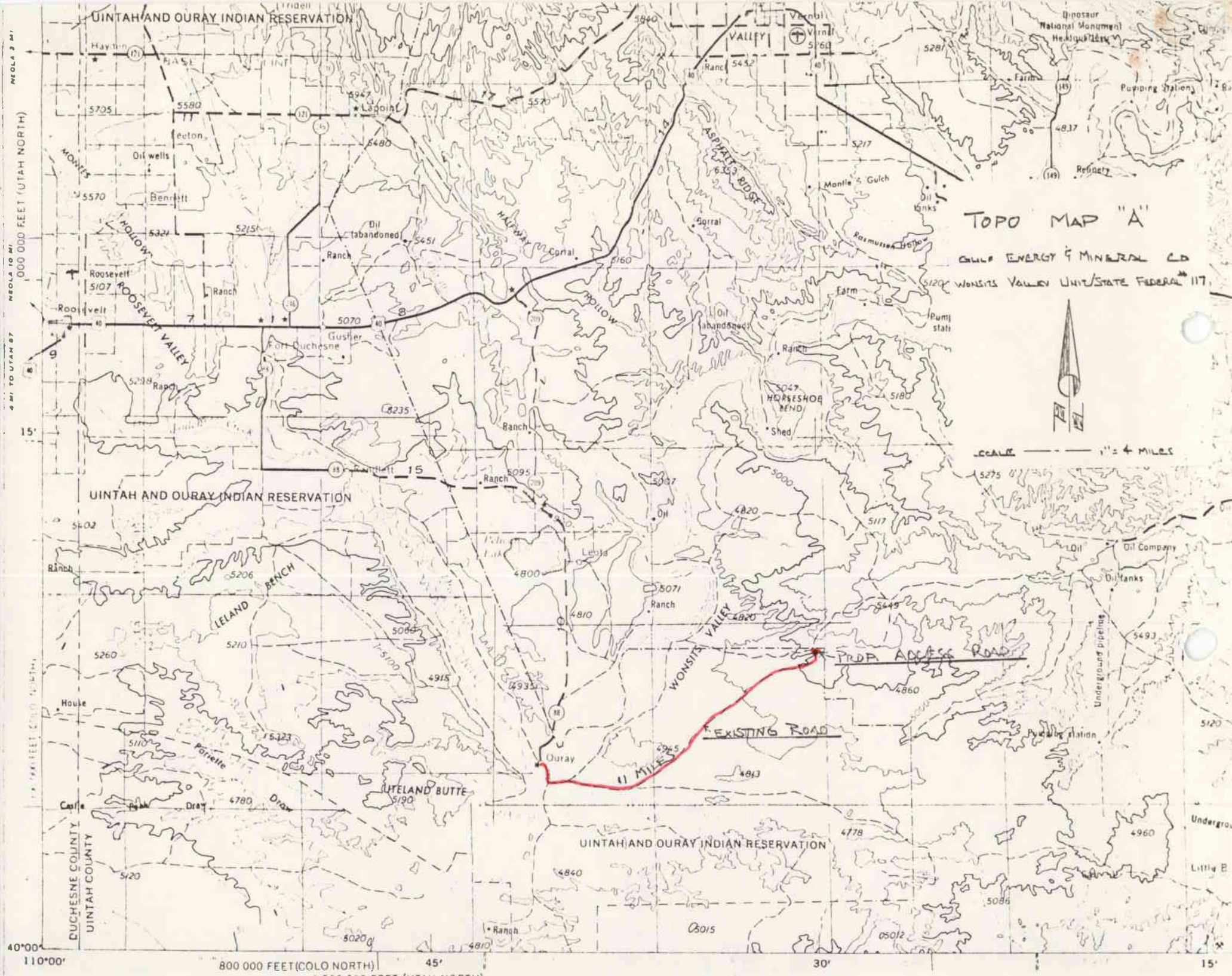
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. Marshall*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9/16/ 76
PARTY LD. TAYLOR B. WISWELL, III	REFERENCES GLO PLAT
WEATHER MILD	FILE GUL F ENERGY & MIN CO



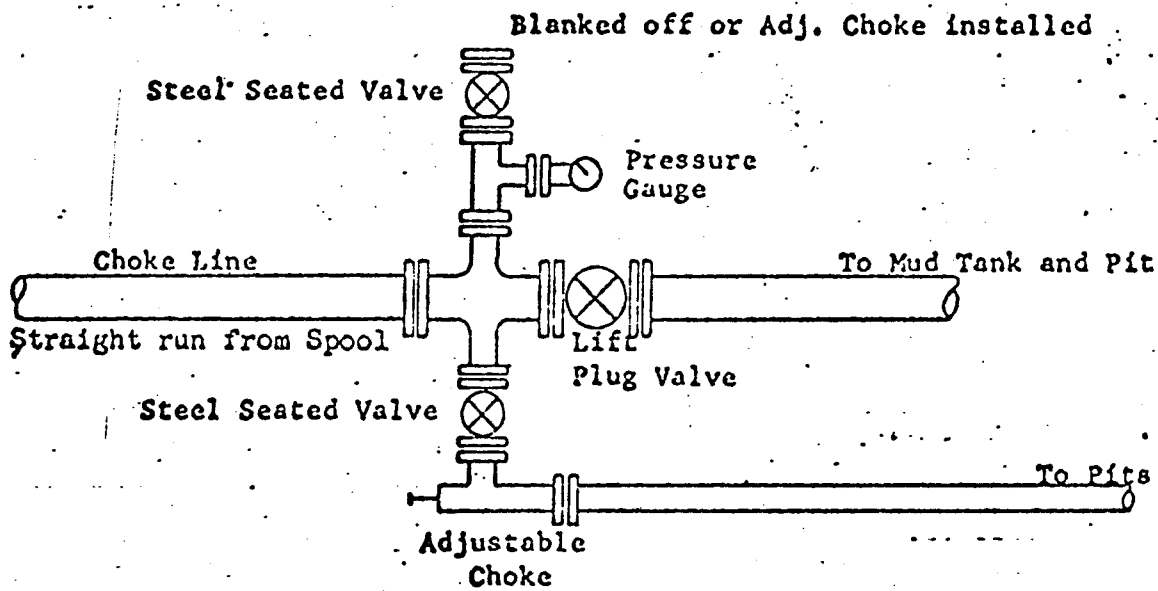


# DRAWING 3A

## 3000 PSI W. P. CHOKES MANIFOLD

### Minimum Assembly

Pressure test to 3000 psi after 9 7/8" casing run; and to 3000 psi after 7" casing run.



Minimum acceptable size of valve flanged to casing head will be 2" or 3" if drilling spool is used. The line, cross, and valve in the run of the discharge line should be the same size as the valve used on the casing head or drilling spool. The side outlets of the cross may be larger than 2", but the valve attached to the choke and the choke must be 2" nominal size. A pressure gauge must be attached near the cross. The bleed off lines from the choke should be arranged for straight line discharge into the pit. All bleed off lines shall be at least 3000 psi W.P.

Choke manifold and bleed off lines to be securely fastened down. All of choke manifold assembly and choke lines to be furnished and maintained by Contractor.

## ACCUMULATOR TESTS

All rigs operating on Gulf leases will perform a blowout preventer closing test at least once each week.

The tests will be performed in the following manner:

1. Record initial accumulator pressure. Minimum pressure 1500#. Some systems need more.
2. Close off hydraulic pumps on the closing unit. This leaves only the energy stored within the accumulators to close the preventers.
3. Turn all preventer valves to the closing position simultaneously.
4. Using a stop watch, record the time for each and every preventer to close. Maximum permissible closing time is 19 seconds.
5. The final accumulator pressure is recorded. Minimum final pressure requirement is 1200#. TURN THE HYDRAULIC PUMPS BACK ON.
6. Keep valves between unit and accumulator locked open at all times.
7. Keep air to hydraulic pumps on at all times except while conducting accumulator tests.

These tests will be performed during the week and reported each Thursday. The report will be given in the following manner:

Initial Accumulator Pressure \_\_\_\_\_

Final Accumulator Pressure \_\_\_\_\_

Closing Time Hydril \_\_\_\_\_ Seconds to Close

Closing Time Top QRC \_\_\_\_\_ Seconds to Close

Closing Time Middle QRC \_\_\_\_\_ Seconds to Close

Closing Time Bottom QRC \_\_\_\_\_ Seconds to Close

To prevent decreasing the service life of the GK Hydril, the Kelly, drill pipe, or other size pipe subbed to Kelly may be used for the hydril packing to close around. Use of the Kelly or subs to the Kelly is recommended to prevent a rigging which might allow dropping a joint of pipe in the hole since all preventers will be open at this time. You are reminded that the accumulator is to be the sole source of energy to close the preventers for this test.

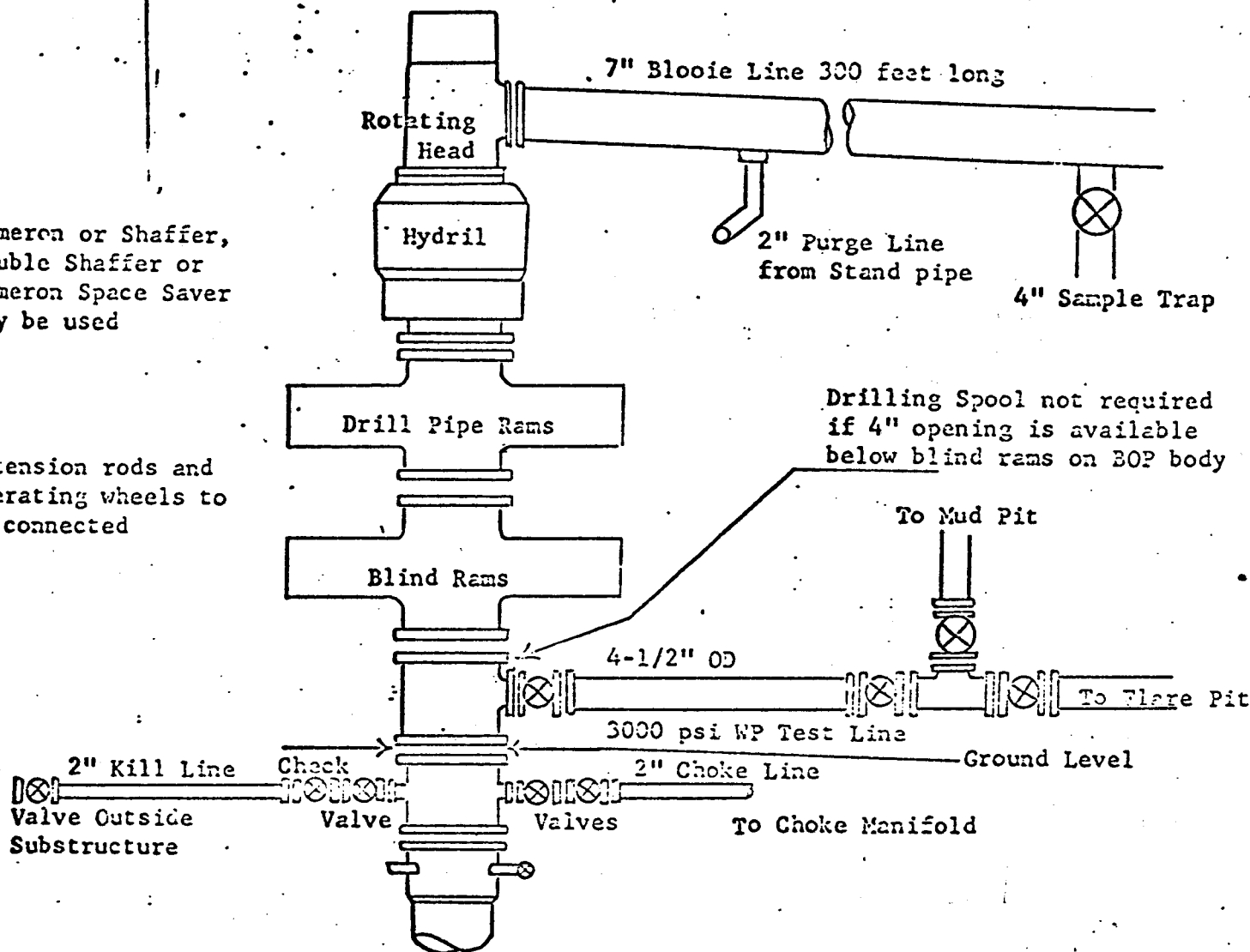
# BLOWOUT PREVENTER DRAWING NO. A

3000 PSI WORKING PRESSURE BOP HOOK-UP  
API SERIES 900 FLANGES OR BETTER  
FOR AIR OR GAS DRILLING

Install on casing and to casing. Pressure test to psi after installing on casing. psi after setting casing.

Cameron or Shaffer, Double Shaffer or Cameron Space Saver may be used

Extension rods and operating wheels to be connected



The BOP's shall be hydraulic operated by hydraulic, air or electrical pumps. Accumulator reservoir shall be sufficient to close all preventers simultaneously in 20 seconds with the charging pumps closed down. Minimum accumulator pressure shall be 1500 psi initially and not less than 1200 psi when all preventers are closed. All BOP operating lines shall be steel piping.

All valves on 4-1/2" test line must be 3000 psi WP steel seated valves.

The drilling spool ID shall be adequate to permit the use of drop through slips on any subsequent string of casing which might be run.

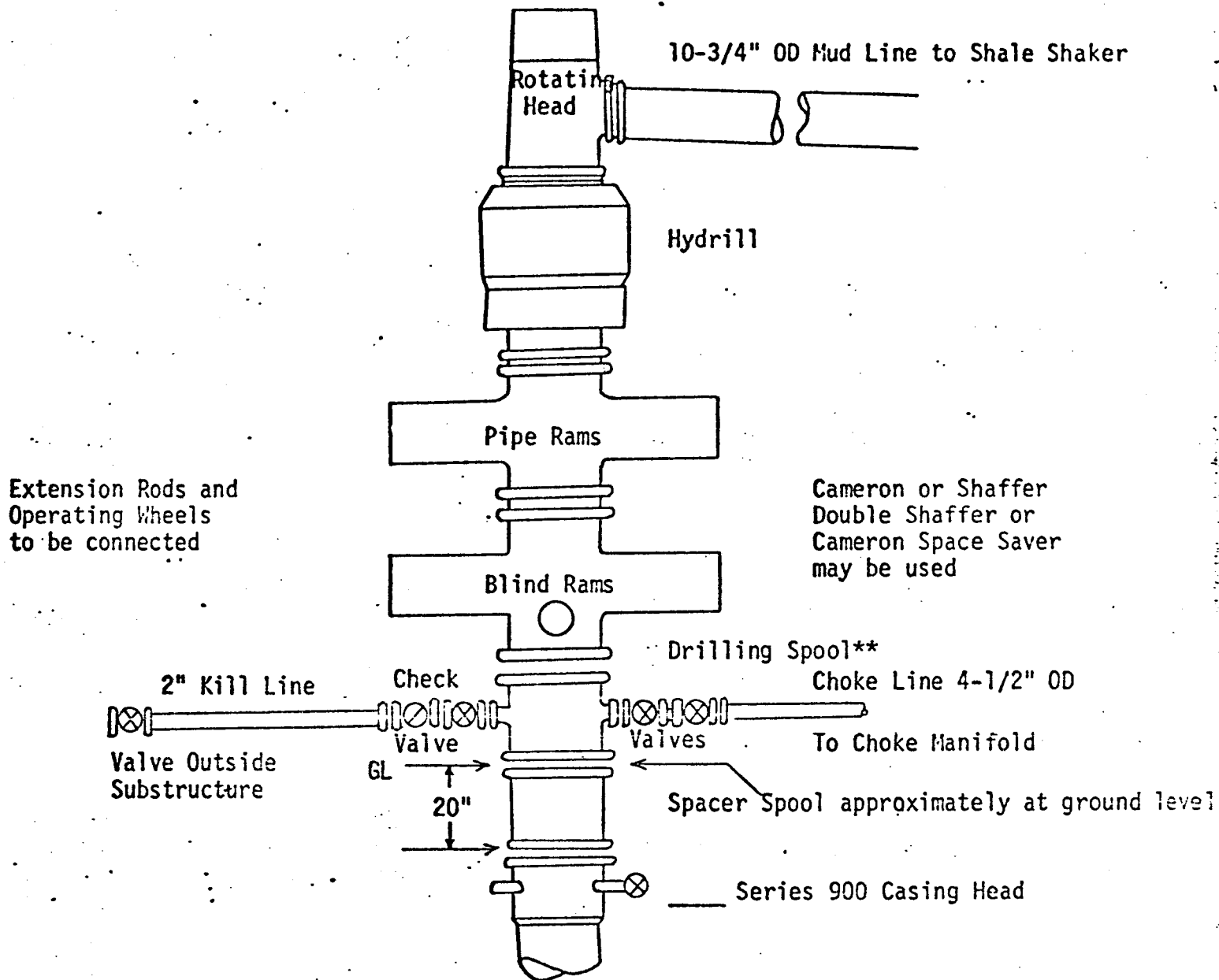
Kill and choke line valves will be attached to Gulf's intermediate spool and shall be 3000 psi WP and steel seated except that the check valve need only to be flanged and 3000 psi WP. Other kill line valves such as those outside the substructure need only meet size and pressure specifications.

Gulf will furnish the casing head together with casing head valves and the intermediate spool. Contractor shall furnish at his expense all other equipment.



3000 PSI WORKING PRESSURE BOP HOOK-UP  
API SERIES 900 FLANGES OR BETTER (MINIMUM ASSEMBLY)

Install on 9-5/8" casing. Pressure test to 3000 psi after installing on 9-5/8" casing prior to drilling cement plug.



The BOP's shall be hydraulic operated by hydraulic, air or electrical pumps. Accumulator reservoir shall be sufficient to close all preventers simultaneously in 20 seconds with the charging pumps closed down. Minimum accumulator pressure shall be 1500 psi initially and not less than 1200 psi when all preventers are closed. All BOP operating control lines shall be steel piping.

The drilling spool ID shall be adequate to permit the use of drop through slips on any subsequent string of casing which might be run. It also shall be provided with flanged side outlet connections and steel seated valves. Other choke line valves shall be also steel seated and 3000 psi WP. Other kill line valves shall need to meet specifications of size and pressure only except that the kill line check valve shall be flanged as well.

Gulf will furnish casing head together with casing head valves. Contractor shall furnish at his expense all other equipment above casing head.

\*\* Drilling spool not required if 4" openings are available below blind rams on BOP body



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OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

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At surface

956' SNL and 1857' WEL Section 12-8S-21E

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approx 22 miles south of Vernal, Utah

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1100' to

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5052' ungraded ground

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SIGNED

*J. A. Layton*  
J. A. Layton

TITLE

Area Drilling Supt.

DATE

Sep 24, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) E. W. Gwynn

TITLE

DISTRICT ENGINEER

DATE

NOV 19 1976

CONDITIONS OF APPROVAL, IF ANY:

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Gulf Oil Corporation #117	956'FNL, 1857'FEL, sec. 12, T. 8 S., R. 21 E., SLM, Uintah, Utah. Gr. El. 5052'est.	U-0806
<p>1. Stratigraphy and Potential Oil and Gas Horizons. Well will spud in gravels, mainly terraces and pediments undergoing erosion. May not be associated with active streams. Gulf Oil well #1-15, same section, reported the following tops: Green River-2471', Lower Green River-4597'. T.D. 5530'.</p> <p>2. Fresh Water Sands. WRD reported for a well in sec. 19, same township, as follows: "There are no fresh water sands in the Green River Formation at the test site. The water ranges from moderately saline to brackish. There may be fresh or slightly saline water above 500 foot depth in the overlying Uinta Formation, and that formation should be protected above at least the 500 foot depth." See also WRD report on page 2.</p> <p>3. Other Mineral Bearing Formations. Valuable prospectively for solid and semi-solid (Coal, Oil Shale, Potash, Etc.) bitumens. Valuable prospectively for oil shale-withdrawal E.O. 5327. The Green River Formation contains rich beds of oil shale (Evacuation Creek-Parachute Creek Members). Protection should extend below the Mahogany zone, the rich oil shale bed found in Parachute Creek Member. The thickness of the undivided Evacuation-Parachute Creek Members is approximately 1400 ft. in this area, at depths probably between 2850'-4500'. The sequence of rocks (800 ft.) directly above the Mahogany zone may contain pods and beds of saline minerals.</p> <p>4. Possible Lost Circulation Zones. Sands in Uinta Fm.</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Unknown.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.</p> <p>8. Additional Logs or Samples Needed. Sonic, density, gamma ray, neutron, and electric logs through oil shale interval.</p> <p>9. References and Remarks Within Wonsits Valley (Unit) KGS.</p>		
Date: October 14, 1976		Signed: Ellen M. Rea

Utah. O.G.d.m., SLC

## Depths of fresh-water zones:

Chevron Oil Co., Western Div., Red Wash Unit no. 216(21-27A), Red Wash Field.

660' fnl, 1,976' fw1, sec. 27, T 7 S, R 22 E, SLBM, Uintah Co., Utah  
Elev. 5,412 ft, proposed depth 5,840 ft

<u>Stratigraphic units</u>	<u>Tops, approx.</u>	<u>Quality of water</u>
<del>Duchesne River</del> <sup>Uinta</sup> Fm	surface	useable/saline
Green River Fm	3,000 ft	saline
H zone	5,200	saline
K zone	5,800	saline

There are no water wells of record in the vicinity of this site.

Useable water may be found as deep as about 2,000 ft below the surface. Deeper aquifers will yield saline water.

USGS - WRD  
5-4-71

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SIGNED

*J. A. Layton*  
J. A. Layton

TITLE

Area Drilling Supt.

DATE Sep 24, 1976

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APPROVAL DATE

APPROVED BY (Orig. Sgd.) E. W. Gwynn

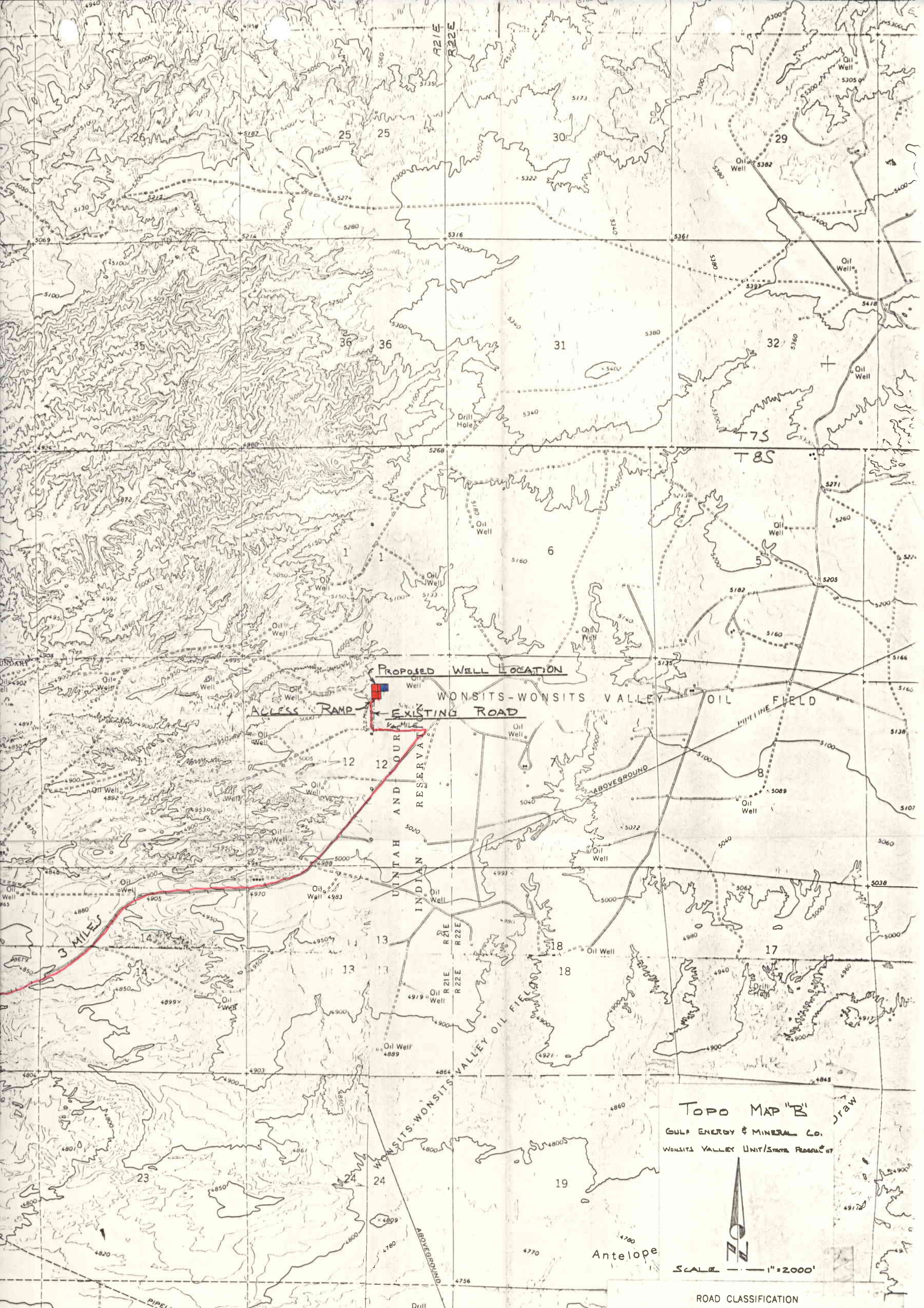
TITLE DISTRICT ENGINEER

DATE NOV 19 1976

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYNECESSARY FLARING OF GAS DURING DRILLING  
AND COMPLETION APPROVED SUBJECT TO RUY





TOPO MAP "B"

GULF ENERGY & MINERAL CO.

WONSITS VALLEY UNIT/STATE RESERVE #17



SCALE 1" = 2000'

ROAD CLASSIFICATION

Antelope





TOPO MAP

GULF ENERGY & MINERALS  
WONSITS VALLEY UNIT/STAFF

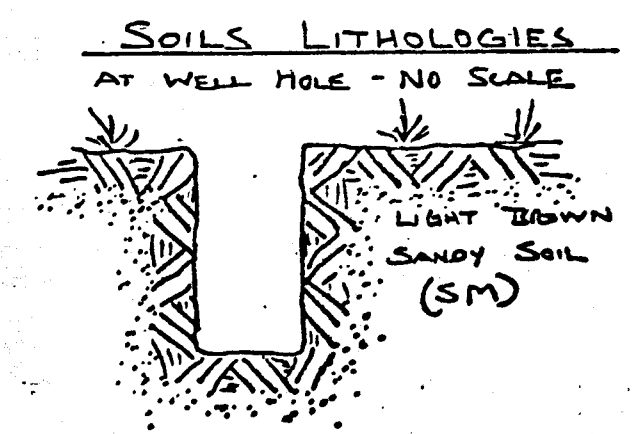
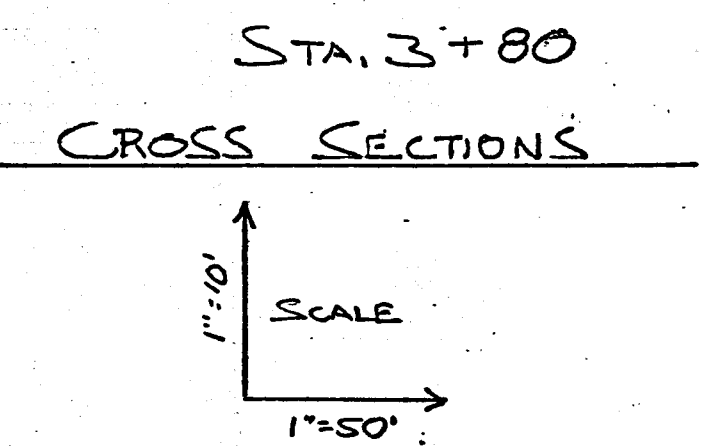
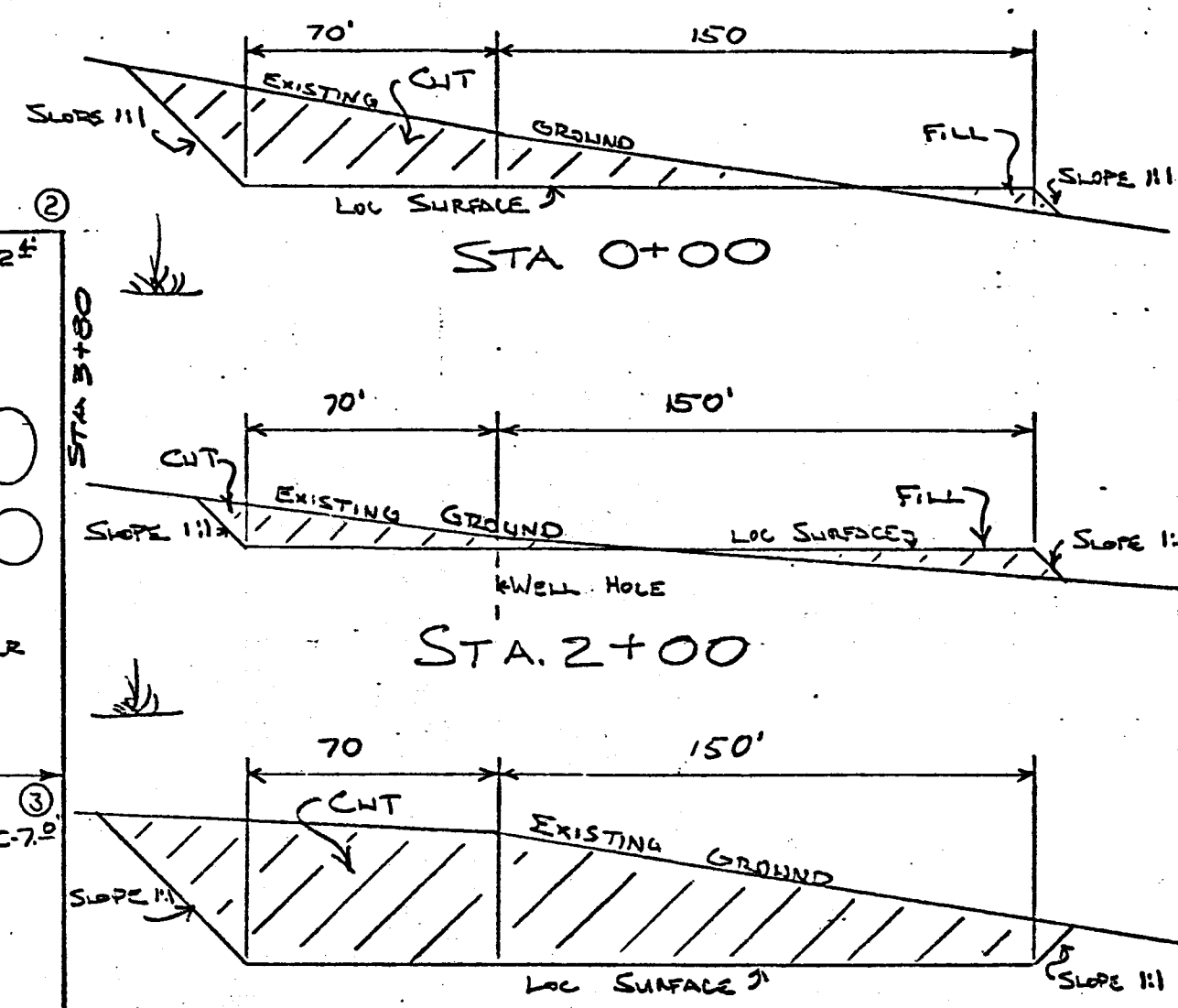
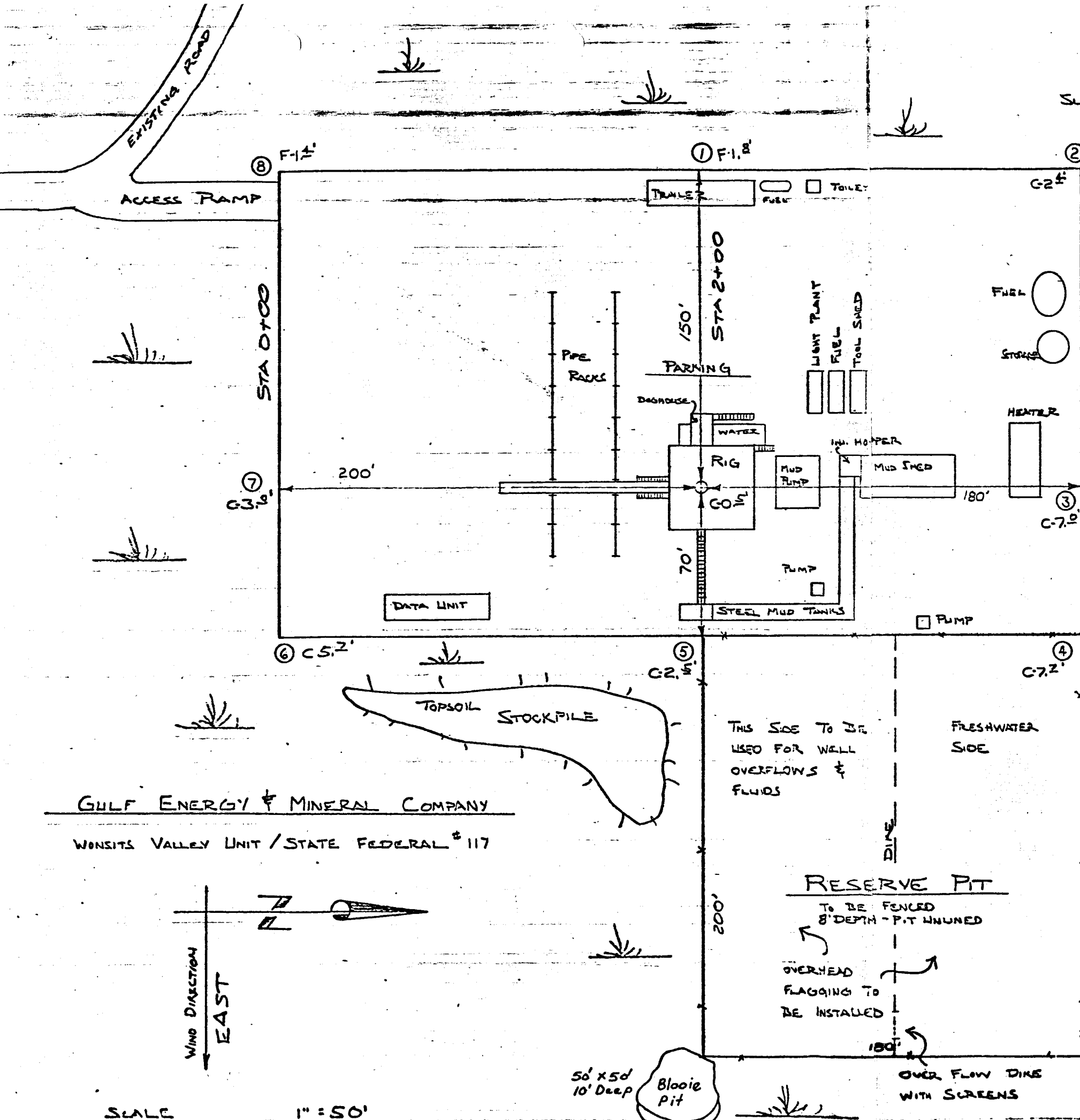


SCALE 1" = 1 MILE

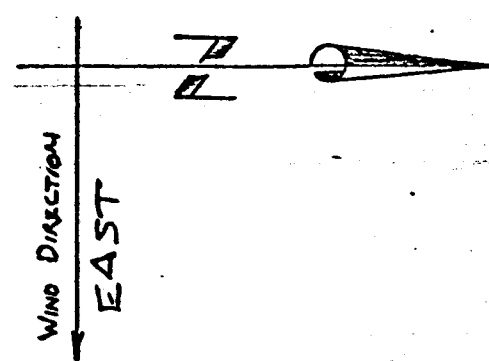
Antelope

ROAD CLASSIFICATION





GULF ENERGY & MINERAL COMPANY  
WONSITS VALLEY UNIT / STATE FEDERAL # 117



SCALE 1" = 50'

Gulf Wonsits 'af  
operations suspended-  
pending re-entering  
hole. (evaluating  
economics  
In a tel. <sup>perhaps this year</sup> conservation  
of 7-15-77 Gulf  
oil reported. Mph.

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: Sept. 28  
Operator: Gulf Oil Corp.  
Well No: Wrights Valley / State Federal #117  
Location: Sec. 12 T. 8S R. 21E County: Uintah

File Prepared ☒

Entered on N.I.D. ☒

Card Indexed ☒

Completion Sheet ☒

Checked By:

Administrative Assistant: [Signature]

Remarks: Unit Well

Petroleum Engineer/Mined Land Coordinator: [Signature]

Remarks:

Director: 7

Remarks:

Include Within Approval Letter:

Bond Required ☐

Survey Plat Required ☐

Order No. ☐

Blowout Prevention Equipment ☐

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In Wrights Valley Unit ☒

Other: ☐

☒ Approved  
Letter Written



# CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: Gulf Well No. 117  
 County: Utah T 8S R 21E Sec. 12 API# 43-047-30238  
 New Well ☐ Conversion ☒ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<input type="checkbox"/>	<input type="checkbox"/>
Analysis of Injection Fluid	Yes <input type="checkbox"/> No <input type="checkbox"/>	TDS <input type="checkbox"/>
Analysis of Water in Formation to be injected into	Yes <input type="checkbox"/> No <input type="checkbox"/>	TDS <input type="checkbox"/>
Known USDW in area	<input type="checkbox"/>	Depth <input type="checkbox"/>
Number of wells in area of review	<input type="checkbox"/> Prod. <input type="checkbox"/>	P&A <input type="checkbox"/>
	Water <input type="checkbox"/>	Inj. <input type="checkbox"/>
Aquifer Exemption	Yes <input type="checkbox"/> NA <input type="checkbox"/>	
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Date <input type="checkbox"/>	Type <input type="checkbox"/>

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed by: \_\_\_\_\_

NEGATIVE DECLARATION

APPROVAL BY SECRETARY OF THE INTERIOR OF Gas Well Development  
FROM Ute Indian Tribe, Permitter ,  
TO Gulf Oil Company, Permittee, COVERING THE FOLLOWING DESCRIBED  
TRUST INDIAN LANDS IN Uintah COUNTY, STATE OF UTAH.

LEGAL DESCRIPTION:

NW $\frac{1}{4}$  NE $\frac{1}{4}$ , Sec. 12; T8S, R21E

It has been determined after review of the accompanying Environmental Analysis, that the approval of this Permit is not such a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under section 102(2) (c) of the National Environmental Policy Act of 1969 (42 U.S.C. § 4332 (2) (c)).

Date: November 15, 1976

Reginald L. Carson  
Acting Superintendent

FY 77-01

CC: CM, CR, DM  
USGS, Vernal  
OGM, Utah ✓

Gulf No. 117-Wonsits



1. PROPOSED ACTION:

Gulf Oil Company proposes to develop a gas well in the Wonsits Valley on the Uintah and Ouray Reservation.

2. LOCATION AND NATURAL SETTING:

This well site is located in the NW $\frac{1}{4}$  NE $\frac{1}{4}$ , Sec. 12; T8S, R21E on tribal rangeland, 12 miles northeast of Ouray, Utah in the extreme northeast corner of the Tribe's reservation. The area is arid and sparse in vegetation cover which is mainly salt-desert shrubs and grasses.

3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION:

Since the area is arid with about five to seven inches of precipitation per year, forage is sparse and will subject the area to severe erosion. There will be very little effect on the aesthetics of the area as it is already occupied by many wells. No archeological or historical site will be disturbed on the site. As it is located in an isolated site, no noise or air contamination will be a factor.

4. ALTERNATIVES TO THE PROPOSED ACTION:

No development.

5. ADVERSE ENVIRONMENTAL EFFECTS THAT CANNOT BE AVOIDED:

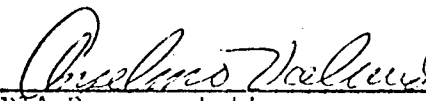
Approximately three acres of land will be taken out of production during construction and approximately  $\frac{1}{2}$  acres during production. One-fourth mile of access road will need to be constructed to the site. All lands disturbed and not in use will be brought to as near the normal terrain or better and will be seeded to Crested wheatgrass by drilling six pounds per acre.

6. DETERMINATION:

The requested action (~~does~~) (does not) constitute a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102(2) (c) of the National Environmental Policy Act of 1969 (42 U.S.C. § 4332 (2) (c)).

Representatives:

Earl Glaze, Drilling Engineer  
Bill Fiant, USGS, Vernal

  
BIA Representative Date  
Anselmo Valverde, Suprvsy. Soil Cons.

Copy to: USGS, Vernal, Utah 84078 P. O. Box 1037

USGS, Dist. Engr., Cons. Div., 8426 Federal Bldg., S.L.C., Ut. 84138

FY 77-01 Gulf Oil Corp., Box 2619, Casper, Wyoming

Wonsits

0	ENHANCES
	NO IMPACT
/	MINOR IMPACT
X	MAJOR IMPACT

Construction	Pollution	Drilling Production	Transport Operations	Accidents	Others
Roads, bridges, airports					
Transmission lines, pipelines					
Dams & impoundments					
Others (pump stations, compressor stations, etc.)					
Burning, noise, junk disposal					
Liquid effluent discharge					
Subsurface disposal					
Others (toxic gases, noxious gas, etc.)					
Well drilling					
Fluid removal (Prod. wells, facilities)					
Secondary Recovery					
Noise or obstruction of scenic views					
Mineral processing (ext. facilities)					
Others					
Trucks					
Pipelines					
Others					
Spills and leaks					
Operational failure					

Land Use	Forestry	✓							
	Grazing	✓	/	/	/	/	/	/	/
	Wilderness	✓							
	Agriculture	✓							
	Residential-Commercial	✓							
	Mineral Extraction	✓							
	Recreation	✓							
	Scenic Views	✓		/		/		/	
	Parks, Reserves, Monuments	✓							
	Historical Sites	✓	NO EVIDENCE						
Unique Physical Features	✓								
Flora & Fauna	Birds	✓		/	/		/	/	
	Land Animals	✓		/	/		/	/	
	Fish	✓							
	Endangered Species	✓	NONE KNOWN						
Physical	<del>Grass</del> , Grass, Etc.	✓	/	/				/	
	Surface Water	✓							
	Underground Water	✓							
	Air Quality	✓			/		/		
Other	Erosion	✓							
	Other	✓							
Effect On Local Economy		✓	00		0		0		
	Safety & Health				/				
Others	CC: 1) BIA, Ft Duchesne w/o Matrix. 2) CM, CR, Denver 3) USGS, Vernal 4) C66, Skelton, Utah Orig. File								

Lease U-2876

Well No. & Location \*117 - Wamsits Valley - NW/NE Sec 12

T8S - R21E Uintah Co. Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Gulf Oil Corporation

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 11,700 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 220 FT. X 380 FT. AND A RESERVE PIT 180 FT. X 200 FT.

3) TO CONSTRUCT \_\_\_\_\_ FT. X \_\_\_\_\_ MILES ACCESS ROAD AND UPGRADE \_\_\_\_\_ FT.

X \_\_\_\_\_ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

NO NEW ACCESS ROAD REQUIRED.

2. Location and Natural Setting (existing environmental situation)

THE PROPOSED WELL SITE IS APPROX 22  
MILES SOUTH OF VERNAL, UTAH AND  
IN THE WAMSITS VALLEY OIL FIELD.

THE AREA IS GENERALLY ROLLING HILLS  
WITH NUMEROUS GULLIES & WASHES.

THE WELL SITE FALLS JUST INSIDE  
THE NORTH BOUNDARY OF THE UINTAH &  
OURAY INDIAN RESERVATIONS (FEDERAL MINERALS)

THE AREA SUPPORTS SOME LIGHT LIVESTOCK  
GRAZING. (MOSTLY SHEEP DURING WINTER MONTHS)

VEGETATION IS SCRUB SAGE BRUSH, CACTUS  
AND SPARSE NATIVE GRASSES.

WILD LIFE FOUND IN THE AREA ARE  
COYOTES, RABBITS AND OTHER SMALL RODENTS  
& BIRDS.

THERE WAS NO EVIDENCE OF ANY  
SIGNIFICANT HISTORICAL OR ARCHEOLOGICAL  
SITES NEAR THE AREA TO BE DISTURBED

FOR ADDITIONAL INFORMATION ON THE  
LOCATION & NATURAL SETTING SEE SECTION  
#11 OF THE MULTI-POINT SURFACE USE  
PLAN. (ATTACHED)

Ref: BIA Negative Declaration 11/15/76

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) NO NEAR-BY LOCATIONS COULD BE FOUND THAT WOULD JUSTIFY MOVING THE PROPOSED WELL SITE

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 11-1-76

Inspector B. J. [Signature]

[Signature]  
U.S. Geological Survey,  
Conservation Division  
Salt Lake City District  
Salt Lake City, Utah

GULF ENERGY AND MINERALS COMPANY

12 Point Surface Use Plan

for

Wonsits Valley Unit/State Federal #117

Well Location

Located In

Section 12, T8S, R21E S.L.B. & M.

Uintah County, Utah



### 1. EXISTING ROADS

See attached Topographic Map "A" to reach Gulf Energy and Mineral Company well location in Section 12, T8S, R21E, S.L.B. & M. The existing 0.2 miles of unimproved dirt road will require minimum grading.

### 2. PLANNED ACCESS ROAD

See Topographic Map "B". The proposed access ramp is to be a 18' wide road (9' total on either side of the centerline). Maximum grade on the proposed access ramp is approximately 2%. The access ramp is to be constructed of native borrow accumulated during construction. The proposed access road will leave the location site on the South side and proceed South approximately 50' to the existing graded dirt road. Ground traversed by the access road is vegetated with scattered bunch grass.

### 3. LOCATION OF EXISTING WELLS

As this well is located within the established Wonsits Valley Oil Field, wells within a one mile radius are very numerous. See attached topo. map "B". There are no other known wells within a radius of 1 mile. (See location plat for placement of Gulf Energy and Minerals Company, Wonsits Valley Unit/State Federal #117 well within the Section).

### 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICES LINES

All production facilities (tank batteries, and treatment equipment) are to be contained within the proposed location site. Existing lines within a 1 mile radius of the proposed well site are so numerous it is impractical to locate all of them at this time.

### 5. LOCATION AND TYPE OF WATER SUPPLY

Water for this well is to be hauled from Green River in the E 1/2 Sec. 6, T8S, R21E, S.L.B. & M. approximately 5 miles to the west of the location site and from the Wonsits Valley produced water tank.

### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location and access ramp are to be borrow material accumulated during construction of the location site and access ramp. No additional road gravels or pit lining materials from other sources are anticipated at this time.

## 7. METHODS FOR HANDLING WASTE DISPOSAL

All garbage and trash that can be burned shall be burned. All unburnable garbage and trash accumulated during the development of this well shall be contained in the fenced trash pit shown on the attached location layout sheet. On completion of this well, this pit shall be covered with a minimum 4' of cover. All production waste such as cuttings, salts, chemicals, overflows of condensate, water, and drilling fluids shall be contained in the south cell of the reserve pit and on completion of the well buried with a minimum 4' of cover. A portable chemical toilet will be supplied for human waste.

## 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for this location.

## 9. WELL SITE LAYOUT

See attached location layout plat. B.I.A. District Manager will be notified before any construction begins on the proposed location site. When drilling activities commence, all work shall be done in a neat and orderly sequences.

## 10. PLANS FOR RESTORATION OF THE SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled prior to drilling activities. (See item No. 9). When all production activities have been completed, the location site and access ramp will be reshaped to the original contour and the stockpiled topsoil spread over the disturbed area. Overhead flagging and fences around pits are to be removed upon completion of drilling activities and all wastes being contained in the reserve pit and trash pit shall be buried with a minimum 4' of cover. When restoration activities have been completed the location site and access ramp shall be reseeded with a seed mixture and soil additives recommended by B.I.A. District Manager when the moisture content of the soil is adequate for germination. Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun they shall be completed within 30 days. The Lessee further covenants and agrees that all of said clean up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned items NO. 7 and 10.

## 11. OTHER INFORMATION

Topography of the general area consists of small rolling hills trending east-west with some rock out croppings, and ledges occurring along the steeper ridges. Level areas occur intermittently throughout the area. Drainages in the area are intermittent in nature running occasionally in the spring time and draining west into the annually flowing Green River. Soils of this semi-arid area are quaternary, (gravel surfaces, mainly terraces and pediments undergoing erosion) and light brown sandy silts containing some poorly graded gravels. The topsoil throughout the area supports scattered grass vegetation. Vegetation of the area consists of approximately 25% grasses and 75% bare

earth. The surrounding area is also leased as winter range for sheep. Wildlife is sparse; predominately coyotes, rabbits, and a variety of small ground squirrels and mice. Birds in the area are hawks and ground sparrows. The location site is located on a moderately sloping flat. The ground slopes through the location site on approximately a 3% grade and is vegetated with scattered bunch grass.

There are no occupied dwellings, or other facilities including archeological, historical, or cultural sites within any reasonable close proximity of the proposed location site.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bob Y. Arnold  
Production Supervisor  
P. O. Box 758  
Vernal, Utah 84078

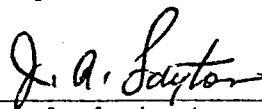
Home Phone: 789-0252  
Office: 789-3352

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Gulf Oil Corporation

and its contractors in conformity with this plan and the terms and conditions under which it is approved.

Date September 24, 1976



J. A. Layton  
Area Drilling Superintendent

WOLF ENERGY AND MINERALS COMPANY  
10 POINT INFORMATION SHEET  
ATTACH TO U.S.G.S. FORM 9-331-C  
FOR

Well: Wonsits Valley - State Federal No. 117

Location: 956'SNL and 1857' WEL Section 12-8S-21E

County and State: Uintah, Utah

Lease Number: U-0806

1. Geologic name of surface formation.

Tertiary - Duchesne River

2. Estimated tops of important geologic markers.

Tertiary - Green River 2685'

Tertiary - Wasatch 5866'

Cretaceous-Mesa Verde 8730'

3. Estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered.

Green River F-2 5488 Oil and Water  
F-4 5541 Oil and Water  
F-5 5589 Oil and Water  
G-1 5648 Oil and Water

Mesa Verde Sand 10,730 Gas

4. Proposed casing program.

<u>Size</u>	<u>Weight/Foot</u>	<u>Setting Depth</u>	<u>Grade</u>	<u>Condition</u>
13 3/8"	65#	40'	H40	New
9 5/8"	36#	1,000'	K55	New
7"	23#	8,800'	S95	New
5"	18#	11,700'	P110	New

5. Minimum specifications for pressure control equipment. Show sizes, pressure rating or API series, testing procedure and testing frequency. Include schematic diagram.

Install on 9-5/8" Surface Casing one bag type preventer and one double gate preventer (Blind Rams and DP Rams) with appropriate manifold to match BOP stack (minimum of 10" series 900 equipment). Install on 7" Intermediate Casing on bag type, one double gate, (same as above) and one air drilling rotating head. All BOP equipment to be tested to 3000 psi before drilling cement from last casing string and function tested each day thereafter.

See attached.

6. Type and characteristics of the proposed circulating fluid. Show quantities and types of mud and weighting material to be maintained.

0' - 1000' Fresh water spud mud.

1000' - 8800' Fresh water gel mud - 8.6 ppg, 38 Vis, 8 WL at TD. No weighting material will be needed.

8800' - 11,700' This section will be drilled with air or air mist. Sufficient 8.6 - 8.7 ppg liquid mud to fill open hole and circulate will be maintained on location.

7. Auxiliary equipment.

Upper Kelly Cock will be used from 0' to TD. DP safety valve will be available on the rig floor. Gas detector, degasser, pvt and flow sensor equipment. Air blooie line to be equipped with purge lines and pilot light. Drill collar float valve will be used while air drilling.

8. Testing, logging, and coring program.

Plan to core the F-2, F-4, F-5 and G-1 Green River Sandstones DIL/SP, CNL/FDC-GR, BHC-GR/Cal, from Surf Csg to 8800'. Induction/GR, SNP/GR, FDC/GR Temperature Survey.

9. Anticipated abnormal pressures or temperatures. Potential hazards such as hydrogen sulfide gas. Plans for mitigating hazards.

No abnormal pressures or temperatures are expected.

No Hydrogen Sulfide Gas or other hazards are expected.

10. Anticipated starting date and duration of operations.

Start 10-15-76 and approximately 60 days for drilling and completion operations.

CORE LABORATORIES, INC.



*Corrected Copy*

File  
Reply to:  
P. O. Box 3379  
Casper, Wyoming 82601

January 24, 1977

Gulf Energy & Minerals Company, Inc.  
P. O. Box 2619  
Casper, Wyoming 82602  
ATTN: Mr. H. S. Sealey

Gentlemen:

Enclosed is a corrected copy of your core analysis report in preliminary form. Distribution of final reports will be made to all addressees on your distribution list as soon as possible.

The permeability values have been corrected. An operator error in the manipulation of our permeameter was discovered which in some instances greatly affected the original reported data.

We sincerely regret the error and the inconvenience it may have caused you. The cause has been corrected.

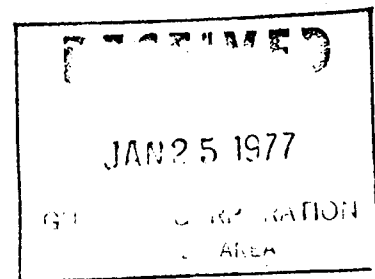
Very truly yours,

CORE LABORATORIES, INC.

A handwritten signature in cursive script, reading "K. R. Bowen".

K. R. Bowen  
Laboratory Supervisor

KRB:dds  
Enclosure





**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
DALLAS, TEXAS

PAGE NO. 1

GULF ENERGY & MINERALS CO.  
#117 WONSITS VALLEY-ST. FED.  
WONSITS VALLEY FIELD  
UINTAH COUNTY

FORMATION : GREEN RIVER  
DRLG. FLUID: WATER BASE MUD  
LOCATION : NW NE SEC 12 T8S-R21E  
STATE : UTAH

DATE : 12/29/76  
FILE NO. : RP-4-3907-01  
ANALYSTS : BOWEN  
ELEVATION: 5052GR

CONVENTIONAL CORE ANALYSIS

*Preliminary Report*

NO.	DEPTH	PERM. TO HORZ.	AIR (MD) VERTICAL	POR. FLD.	FLUID OIL	SATS. WATER	GR. DNS.	DESCRIPTION
	5446-5450							SHALE - NO ANALYSIS
1	5450-51	0.01		0.5	0.0	82.0		SD, GY VFG V/CALC
2	5451-52	1.3		7.6	18.1	25.9		SD, GY VFG SL/CALC
3	5452-53	0.14		9.3	21.4	49.0		SD, GY VFG V/CALC
4	5453-54	0.28		10.2	6.7	61.2		SD, GY VFG V/CALC
5	5454-55	0.47		10.1	9.2	55.2		SD, GY VFG V/CALC
6	5455-56	0.60		4.5	10.9	26.0		SD, GY VFG V/CALC TR/SH
7	5456-57	0.05		7.9	1.3	76.0		SD, GY VFG
8	5457-58	0.06		5.9	12.1	86.4		SD, GY VFG SHY/STRS SL/CALC
9	5458-59	0.27		7.9	17.5	60.1		SD, GY VFG SHY/STRS SL/CALC
10	5459-60	0.07		6.5	13.9	71.0		SD, GY VFG SHY/STRS SL/CALC VF
11	5460-61	0.01		5.6	21.9	76.6		SD, GY VFG SHY/STRS SL/CALC VF
12	5461-62	0.01		3.4	42.5	54.6		SD, GY VFG SHY/STRS SL/CALC VF
	5462-5465							SHALE - NO ANALYSIS
	5465-5467							LOST RECOVERY
	5467-5468							SHALE - NO ANALYSIS
13	5468-69	136		9.7	28.3	24.3		SD, GY VFG SHY SL/CALC
14	5469-70	160		11.7	26.3	23.0		SD, GY VFG SHY SL/CALC
15	5470-71	159		10.7	18.3	24.5		SD, GY VFG SHY SL/CALC
16	5471-72	113		8.4	30.0	33.6		SD, GY VFG SHY SL/CALC
17	5472-73	305		8.4	13.5	26.9		SD, GY VFG SHY SL/CALC
18	5473-74	42		9.9	24.8	37.7		SD, GY FG SHY SL/CALC VF
19	5474-75	8.0		11.7	17.2	42.7		SD, GY FG SHY SL/CALC VF
20	5475-76	13		10.5	25.8	31.4		SD, GY FG SHY SL/CALC VF
21	5476-77	249		11.5	23.4	35.2		SD, GY FG SHY SL/CALC VF

VF = VERTICAL FRACTURE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or

GULF ENERGY & MINERALS CO.  
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WONSITS VALLEY FIELD  
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ANALYSTS : BOWEN  
ELEVATION: 5052GR

**CONVENTIONAL CORE ANALYSIS**

SAMP.	DEPTH	PERM. TO HORZ.	AIR (MD) VERTICAL	POR. FLD.	FLUID SATS. OIL WATER	GR. DNS.	DESCRIPTION	
22	5477-78	68		10.0	30.0 30.0		SD, GY FG SHY SL/CALC	VF
23	5478-79	22		11.8	21.0 40.3		SD, GY F-VFG SHY V/CALC	VF
24	5479-80	37		10.4	12.7 25.3		SD, TN FG SL/CALC	
25	5480-81	33		10.7	18.9 39.6		SD, TN FG SL/CALC	
26	5481-82	21		10.0	13.5 27.1		SD, TN FG SL/CALC	VF
27	5482-83	3.7		9.4	7.3 63.0		SD, TN FG SL/CALC	VF
28	5483-84	0.29		6.0	3.4 82.2		SD, GY VFG CALC	VF
29	5484-85	0.05		5.9	21.8 76.2		SD, GY VFG CALC	VF
30	5485-86	0.01		5.2	18.1 80.5		SD, GY VFG SHY/STRS CALC	VF
31	5486-87	0.03		4.4	4.7 93.1		SD, GY VFG V/CALC	VF
32	5487-88	0.04		5.5	3.8 83.1		SD, GY VFG V/CALC	VF
33	5488-89	0.03		2.6	4.0 80.8		SD, GY VFG V/CALC	VF
34	5489-90	0.01		6.9	55.9 41.2		SD, GY VFG SHY	VF
35	5490-91	0.01		7.0	58.2 34.9		SD, GY VFG SHY	VF
36	5491-92	0.01		6.3	55.1 35.6		SD, GY VFG SHY	VF
37	5492-93	0.01		7.3	22.4 75.5		SD, GY VFG SL/CALC TR/SH	VF
38	5493-94	0.01		8.3	38.6 60.4		SD, GY VFG SL/CALC	VF
39	5494-95	0.01		6.1	47.3 50.7		SD, GY VFG SL/CALC	VF
40	5495-96	0.01		6.3	49.4 49.4		SD, GY VFG SL/CALC	VF
41	5496-97	0.03		5.3	31.5 66.9		SD, GY VFG SL/CALC	
42	5497-98	0.01		4.3	50.4 48.0		SD, GY VFG SL/CALC SHY	
	5498-5502						SHALE - NO ANALYSIS	
43	5502 -3	0.01		3.4	42.9 55.1		SD, GY VFG TR/SH SL/CALC	
44	5503 -4	0.01		7.9	57.2 41.6		SD, GY VFG TR/SH SL/CALC	VF
45	5504 -5	0.01		3.9	54.4 41.5		SD, GY VFG SL/CALC SHY	

VF = VERTICAL FRACTURE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

PAGE NO. 3

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CONVENTIONAL CORE ANALYSIS

DEPTH	PERM. TO AIR (MD) HORZ. VERTICAL	POR. FLD.	FLUID SATS. OIL WATER	GR. DNS.	DESCRIPTION
5505-5512					SHALE - NO ANALYSIS
46 5512-13	167	5.2	42.4 48.5		SD, GY VFG SHY
5513-5520					SHALE - NO ANALYSIS
47 5520-21	2.5	6.0	50.6 47.2		SD, GY VFG V/SHY
48 5521-22	5.0	9.6	25.5 20.4		SD, GY VFG V/SHY
49 5522-23	212	10.5	19.1 18.2		SD, BRN FG SL/CALC
50 5523-24	367	12.1	25.2 15.8		SD, BRN FG SL/CALC
51 5524-25	339	11.8	27.6 16.2		SD, BRN FG SL/CALC
52 5525-26	542	12.3	18.9 15.1		SD, BRN FG SL/CALC
53 5526-27	316	9.4	25.2 18.2		SD, BRN F-MG SL/CALC VF
54 5527-28	322	9.8	23.9 19.1		SD, BRN F-MG SL/CALC VF
55 5528-29	330	14.3	24.3 19.2		SD, BRN FG VF
56 5529-30	246	12.6	23.0 20.0		SD, BRN F-MG SL/CALC
57 5530-31	85	13.5	20.9 26.5		SD, BRN FG TR/SH
58 5531-32	82	13.0	20.0 21.5		SD, BRN F-MG SL/CALC
59 5532-33	144	13.0	20.1 18.6		SD, BRN F-MG SL/CALC
60 5533-34	184	11.5	13.2 28.1		SD, BRN F-VFG SL/CALC VF
61 5534-35	56	13.9	22.9 21.5		SD, BRN FG SL/CALC VF
62 5535-36	147	12.4	14.2 20.9		SD, BRN F-VFG VF
63 5536-37	40	13.8	19.0 24.4		SD, BRN F-VFG
64 5537-38	34	11.3	21.1 21.9		SD, BRN FG SL/CALC VF
65 5538-39	102	11.8	9.7 32.3		SD, BRN F-VFG SL/CALC VF
66 5539-40	119	12.3	16.1 24.5		SD, BRN F-VFG SL/CALC
67 5540-41	71	12.5	10.9 31.0		SD, BRN VFG SL/CALC
68 5541-42	42	12.6	20.8 22.3		SD, BRN F-VFG SL/CALC

VF = VERTICAL FRACTURE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
DALLAS, TEXAS

PAGE NO. 4

GULF ENERGY & MINERALS CO.  
#117 WONSITS VALLEY-ST. FED.  
WONSITS VALLEY FIELD  
UINTAH COUNTY

FORMATION : GREEN RIVER  
DRLG. FLUID: WATER BASE MUD  
LOCATION : NW NE SEC 12 T8S-R21E  
STATE : UTAH

DATE : 12/29/76  
FILE NO. : RP-4-3907-01  
ANALYSTS : DOWEN  
ELEVATION: 5052GR

**CONVENTIONAL CORE ANALYSIS**

SAMP.	DEPTH	PERM. TO AIR (MD)	POR.	FLUID SATS.	GR.	DESCRIPTION
		HORZ. VERTICAL	FLD.	OIL WATER	DNS.	
69	5542-43	28	12.6	22.5 24.0		SD, BRN F-VFG SL/CALC TR/SH
70	5543-44	7.0	11.1	15.6 31.1		SD, BRN VFG TR/SH
71	5544-45	15	12.0	12.7 28.5		SD, BRN VFG SL/CALC VF
72	5545-46	10	7.4	18.8 24.1		SD, BRN VFG TR/SH SL/CALC VF & HF
	5546-5552					LOST RECOVERY
	5552-5558					SHALE - NO ANALYSIS
73	5558-59	0.60	6.4	18.7 34.3		SD, BRN VFG SL/CALC
74	5559-60	3.7	6.6	20.4 23.3		SD, BRN VFG SL/CALC
75	5560-61	1.6	9.6	16.3 36.7		SD, BRN VFG SL/CALC VF
76	5561-62	2.2	8.3	17.5 40.0		SD, BRN VFG V/CALC VF
	5562-5570					SHALE - NO ANALYSIS
77	5570-71	22	4.9	4.2 80.1		SD, GY FG SL/CALC
78	5571-72	5.1	5.3	7.3 50.2		SD, GY FG SL/CALC
79	5572-73	1.3	7.2	1.4 78.3		SD, GY FG SL/CALC
80	5573-74	2.8	7.4	9.0 61.4		SD, GY FG SL/CALC
81	5574-75	23	5.4	1.9 45.5		SD, GY FG SL/CALC SHY VF & HF
82	5575-76	108	10.7	24.3 24.3		SD, GY FG SL/CALC SHY VF
83	5576-77	72	11.4	7.5 48.0		SD, BRN FG V/CALC VF
84	5577-78	36	9.4	6.0 69.5		SD, BRN FG V/CALC VF
85	5578-79	5.9	10.5	2.9 80.5		SD, BRN FG V/CALC VF & HF
86	5579-80	41	10.2	11.3 37.6		SD, BRN FG V/CALC VF
87	5580-81	79	10.4	26.3 26.3		SD, BRN FG V/CALC VF
88	5581-82	70	9.2	1.1 83.9		SD, BRN FG V/CALC
89	5582-83	68	9.8	1.0 77.7		SD, BRN FG V/CALC
90	5583-84	195	10.4	19.4 33.3		SD, BRN FG V/CALC

VF = VERTICAL FRACTURE

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CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

PAGE NO. 5

GULF ENERGY & MINERALS CO.  
#117 WONSITS VALLEY-ST. FED.  
WONSITS VALLEY FIELD  
UINTAH COUNTY

FORMATION : GREEN RIVER  
DRLG. FLUID: WATER BASE MUD  
LOCATION : NW NE SEC 12 T8S-R21E  
STATE : UTAH

DATE : 12/29/76  
FILE NO. : RP-4-3907-01  
ANALYSTS : BOWEN  
ELEVATION: 5052GR

CONVENTIONAL CORE ANALYSIS

DEPTH	PERM. TO AIR (MD) HORZ. VERTICAL	POR. FLD.	FLUID SATS. OIL WATER	GR. DNS.	DESCRIPTION	
91	5584-85	22	10.0	1.9 79.8	SD, BRN FG V/CALC	VF
92	5585-86	38	11.2	1.7 74.5	SD, BRN FG V/CALC	VF
93	5586-87	8.5	9.3	2.1 90.0	SD, BRN FG V/CALC	VF
94	5587-88	0.70	8.9	1.1 84.3	SD, BRN FG V/CALC	VF
	5588-5589				LOST RECOVERY	
95	5589-90	20	9.0	7.5 70.9	SD, BRN FG V/CALC	
96	5590-91	127	11.0	0.9 85.6	SD, BRN FG V/CALC	
97	5591-92	55	14.3	0.7 75.6	SD, BRN FG CALC	
98	5592-93	64	12.0	0.8 87.0	SD, BRN FG CALC	
99	5593-94	56	11.2	0.9 79.0	SD, BRN FG CALC	
100	5594-95	3.0	9.9	1.0 91.7	SD, BRN FG CALC	
101	5595-96	2.5	10.5	1.0 87.4	SD, BRN FG CALC	
102	5596-97	12	10.2	1.0 91.5	SD, BRN FG CALC	
103	5597-98	1.2	9.4	7.4 67.7	SD, BRN FG CALC SHY	
104	5598-99	0.37	8.4	2.3 68.7	SD, BRN FG V/CALC	
105	5599-0	1.5	8.7	10.2 41.0	SD, BRN FG V/CALC	VF
106	5600-1	105	10.6	19.1 25.5	SD, BRN FG V/CALC	VF
107	5601-2	37	10.8	16.9 28.5	SD, BRN FG V/CALC	HF
108	5602-3	21	10.8	16.8 31.9	SD, BRN FG V/CALC	
109	5603-4	2.1	10.5	5.6 63.2	SD, GY F-VFG SL/CALC	
110	5604-5	2.1	7.5	18.6 55.8	SD, GY F-VFG SL/CALC TR/SH	
111	5605-6	0.90	9.4	29.1 22.8	SD, GY FG SL/CALC	
112	5606-7	0.34	10.3	28.1 24.4	SD, GY FG SL/CALC	
113	5607-8	1.1	8.0	19.4 38.8	SD, GY FG SL/CALC	
114	5608-9	0.55	6.7	24.9 62.1	SD, GY FG SL/CALC	

VF = VERTICAL FRACTURE

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GULF ENERGY & MINERALS CO.  
 #117 WONSITS VALLEY-ST. FED.  
 WONSITS VALLEY FIELD  
 UTAH COUNTY

FORMATION : GREEN RIVER  
 DRLG. FLUID: WATER BASE MUD  
 LOCATION : NW NE SEC 12 T8S-R21E  
 STATE : UTAH

DATE : 12/29/76  
 FILE NO. : RP-4-3907-01  
 ANALYSTS : BOWEN  
 ELEVATION: 5052GR

**CONVENTIONAL CORE ANALYSIS**

DEPTH	PERM. TO HORZ.	AIR (MD) VERTICAL	POR. FLD.	FLUID SATS. OIL WATER	GR. DNS.	DESCRIPTION
115 5609-10	0.24		6.1	22.5 38.5		SD, GY FG SL/CALC TR/SH
116 5610-11	0.01		5.0	32.5 56.9		SD, GY FG SL/CALC TR/SH VF
5611-5613						SHALE - NO ANALYSIS
5613-5614						LOST RECOVERY
5614-5621						SHALE - NO ANALYSIS
5621-5627						LOST RECOVERY
5627-5628						SHALE - NO ANALYSIS
117 5628-29	0.24		7.7	27.4 47.1		SD, TN FG V/CALC VF
118 5629-30	3.1		18.5	24.9 16.0		SD, TN FG V/CALC VF
119 5630-31	0.60		14.8	26.0 23.4		SD, TN FG V/CALC VF
120 5631-32	12		16.5	22.9 37.8		SD, TN FG V/CALC VF
121 5632-33	0.18		11.4	26.2 26.2		SD, TN FG V/CALC VF
122 5633-34	0.14		9.9	28.8 43.2		SD, TN FG V/CALC VF
123 5634-35	0.99		14.0	17.7 49.6		SD, TN FG V/CALC VF
124 5635-36	0.01		7.0	1.5 93.6		SD, TN FG V/CALC VF
125 5636-37	0.01		9.4	22.2 44.3		SD, TN FG V/CALC VF
126 5637-38	25		6.6	29.2 27.6		SD, TN FG V/CALC
127 5638-39	177		5.9	32.7 13.8		SD, TN FG V/CALC
128 5639-40	0.90		8.0	26.4 12.6		SD, TN FG V/CALC
129 5640-41	110		10.1	18.5 23.3		SD, TN FG V/CALC
130 5641-42	167		11.4	24.9 23.2		SD, TN FG V/CALC
131 5642-43	223		4.8	22.3 75.9		SD, TN FG V/CALC
132 5643-44	28		9.6	16.2 24.3		SD, TN FG V/CALC
133 5644-45	42		13.3	27.5 20.6		SD, TN FG V/CALC
134 5645-46	25		9.8	14.3 26.6		SD, TN FG V/CALC

VF = VERTICAL FRACTURE

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**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
 DALLAS, TEXAS

PAGE NO. 7

GULF ENERGY & MINERALS CO.  
 #117 WONSITS VALLEY-ST. FED.  
 WONSITS VALLEY FIELD  
 Uintah County

FORMATION : GREEN RIVER  
 DRLG. FLUID: WATER BASE MUD  
 LOCATION : NW NE SEC 12 T8S-R21E  
 STATE : UTAH

DATE : 12/29/76  
 FILE NO. : RP-4-3907-01  
 ANALYSTS : BOWEN  
 ELEVATION: 5052GR

**CONVENTIONAL CORE ANALYSIS**

S.	DEPTH	PERM. TO AIR (MD)		POR.	FLUID SATS.		GR.	DESCRIPTION
		HORZ.	VERTICAL		OIL	WATER		
				FLD.			DNS.	
135	5646-47	215		11.0	13.3	20.0		SD, TN FG V/CALC
136	5647-48	73		9.4	30.2	18.1		SD, TN FG V/CALC
137	5648-49	42		8.9	20.5	45.2		SD, TN FG V/CALC
138	5649-50	9.0		5.8	20.6	17.1		SD, TN FG V/CALC
	5650-5655							SHALE - NO ANALYSIS
	5655-5657							LOST RECOVERY

PERMEABILITY

MILLIDARCY

100 50 10 5 1

POROSITY

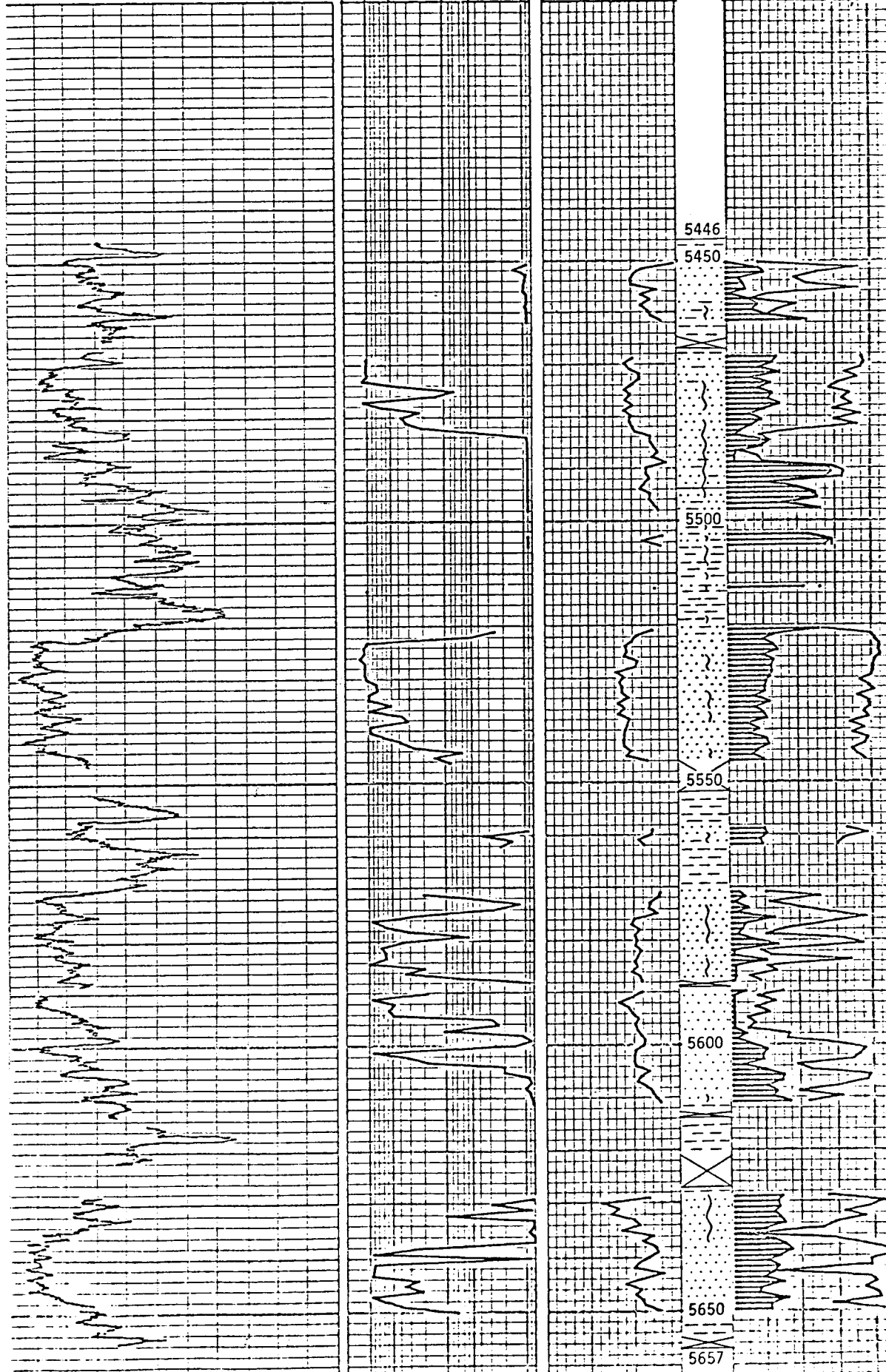
PERCENT

20 10

OIL SATURATION

PERCENT PORE SPACE

0 20 40 60 80





CIRCULATE TO:

DIRECTOR \_\_\_\_\_  
PETROLEUM ENGINEER \_\_\_\_\_  
MINE COORDINATOR \_\_\_\_\_  
ADMINISTRATIVE ASSISTANT \_\_\_\_\_  
ALL \_\_\_\_\_  
RETURN TO Kathy D.  
FOR FILING

April 13, 1977

MEMO TO FILE

Re: Gulf Oil Corporation  
Wonsits Valley Unit #117  
Sec. 12, T. 8 S, R. 21 E,  
Uintah County, Utah

On April 11, 1977, Mr. Buck Watson, Gulf Oil Company, called requesting approval to temporarily abandon the above referred to well. Mr. Watson indicated that he had received approval from the U.S.G.S. and gave the following pertinent details:

Total Depth: 10,058' 7" casing at 9292'

Fish in hole at 9958'-9756', the hole keeps sluffing in; they have a bridge plug set at 9666' and cannot keep it washed out.

Will set retainer at 9240' with 100 sack plug below retainer.

Gave verbal approval to temporarily abandon and requested that a Sundry Notice be submitted as soon as possible.

SCHEREE WILCOX  
ADMINISTRATIVE ASSISTANT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Wonsits Valley	
2. NAME OF OPERATOR Gulf Oil Corporation		8. FARM OR LEASE NAME Wonsits Valley/State-Fed.	
3. ADDRESS OF OPERATOR P. O. Box 2619; Casper, Wyo. 82602		9. WELL NO. 117	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 956' SNL & 1857' WEL		10. FIELD AND POOL, OR WILDCAT Wonsits Valley	
14. PERMIT NO.		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec 12-8S-21E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5052' GL		12. COUNTY OR PARISH Utah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

T.A. due to hole condition and fish. Well drilled to TD of 10,458'. Stuck fish w/ bit at 9958'. Unsuccessful in recovering fish due to sloughing shale condition. Top of fish at 9756'. Fish consists of 6" bit and 4 3/4" OD drill collars. Hole bridged at 9666'. Set perm. type cement retainer at 9240' (csg at 9292') and placed 100 sx cement below retainer. Displaced hole w/ inhibited 10# salt water.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: April 14, 1977

BY: P. H. Small

RECEIVED  
APR 14 1977  
DIVISION  
OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED M. W. Watson  
M. W. Watson

TITLE Drilling Superintendent

DATE April 11, 1977

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

USGS

8440 Federal Bld.

125 South State Street

Salt Lake City, UT 84138

Att: Mr. Gerald Daniels

cc: Utah Department of Natural Resources

Division of Oil, Gas, and Mining

1588 West North Temple

Salt Lake City, UT 84116

Att: Cleon B. Feight, Director

Bureau of Indian Affairs

Utah & Ouray Agency

Fort Duchesne, UT 84062

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

----

7. UNIT AGREEMENT NAME

Wonsits Valley

8. FARM OR LEASE NAME

Wonsits Valley/State-Federal

9. WELL NO.

117

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC. T., R., M., OR BLK. AND  
SURVEY OR AREA

12-8S-21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. ☒ OIL  
WELL ☐ GAS  
WELL ☒ OTHER

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 2619, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

956' SNL &amp; 1857' WEL Section 12-8S-21E

14. PERMIT NO.

15. ELEVATIONS (Show whether ~~XXX~~ GR, etc.)

5052' G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☒  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spud 12:01 A.M., 12-10-76. Cored from 5446-5468'. Pipe stuck. Cored addl 5', core bbl jammed, rec core 19'. Core from 5468-5495', core bbls jammed, rec. core 27'. Core #3 from 5495-5553', rec. 51.9'. Core #4 from 5553-5589', rec. 36'. Core #5 from 5589-5614', rec 24.2'. Core #6 from 5614-5627', rec. 7.2'. Core #7 cored 30', rec. 27.9'. 1/5/77 working stuck drill pipe. Ran FPI, found pipe stuck at 2140'. Worked pipe. Ran FPI, found pipe stuck at 3540'. Worked pipe, preparing to run FPI and back off drill pipe. 1/7/77 fishing. Pipe stuck at 3631'. Backed off pipe at 3625' w/string shot. Top fish at 3625'. Bit at 5995'. Pipe stuck 3724'. Backed off pipe at 3724'. Left 51 jts 4 1/2" DP, 21 - 6-5/8" DC's, 2 stabilizers, 6 pt reamer, and shock sub. Tally 2264.79'. Trip in, tagged fish at 3718'. Screwed into fish. Trip out w/fish, rec 10 jts DP (310'). Trip in screwed into fish and jarred. Trip out and LD 2 jts of fish. Top of fish 4091'. Screwed into fish at 4091' and jarred, rec. 1 jt 4 1/2" DP. Screwed into fish at 4129' and jarred. Ran second shot. Attempted to back off at 4162'. Made backoff at 4129'. Verbal approval was granted by Mr. Guynn to Mr. H. S. Sealy 1/19/77 to plug back, sidetrack fish and drill to TD. Set cement plug from 4129' to 3739' w/135 sax LD fishing tools.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE:

BY:

Jan 24, 1977

P. L. Hill

18. I hereby certify that the foregoing is true and correct

SIGNED

R. B. Rosenbaum

TITLE Area Drilling Superintendent, DATE Jan 24, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

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USGS

8440 Federal Building  
125 South State Street  
Salt Lake City, UT 84138  
Attn: Mr. Gerald Daniels

GPO 680-379

cc: Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116  
Attn: Cleon B. Feight, Director

Bureau of Indian Affairs  
Uintah & Ouray Agency  
Fort Duchesne, UT 84062

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRII  
(Other instruction  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. <b>U-0806</b>
2. NAME OF OPERATOR <b>Gulf Oil Corporation</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR <b>P. O. Box 2619; Casper, WY 82602</b>		7. UNIT AGREEMENT NAME <b>Wonsits Valley</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>956' SNL &amp; 1857' WEL</b>		8. FARM OR LEASE NAME <b>Wonsits Valley/State-Fed</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5052' GL</b>	9. WELL NO. <b>117</b>
		10. FIELD AND POOL, OR WILDCAT <b>Wonsits Valley</b>
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA <b>12-8S-21E</b>
		12. COUNTY OR PARISH <b>Uintah</b>
		13. STATE <b>Utah</b>

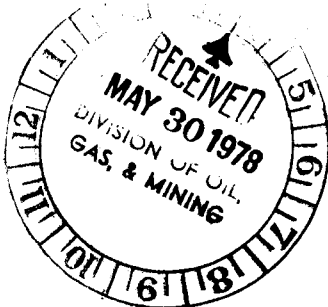
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	(Other) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Removal from T.A. status, April 11, 1977 - Completion per attached procedure.



APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: June 1, 1978  
BY: P. H. Ince

No additional surface disturbance required.

18. I hereby certify that the foregoing is true and correct

SIGNED <u>J. G. Croft</u>	TITLE <u>Petroleum Engineer</u>	DATE <u>May 25, 1978</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S.G.S.  
8440 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

Utah Oil & Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

Wonsits Valley #117  
Wasatch Gas Sand Completion Procedure

5/18/78

1. Install Guy line Anchors.
2. MIRU compl. unit. P.U. CSG scraper & bit on 2 7/8" N-80 EUE 8' d tbg & clean out hole to 7000'. Press test csq to 2000 psi.
3. POOH w/ bit & csq scraper
4. MI Vann Tool Co. Make up perforating assembly as per attached schematic. Run assembly below Baker 7" md/E retrievable PKr. Run a 4' tbg sub 1 ft above pkr. Run entire assembly to approx. pkr setting depth on N-80 2 7/8" tbg.
5. MIRU Wireline Co. Run GR correlation log through tbg. Correlate to Schlumberger Sonic log Run #1 dated 2/25/77. Set PKr to place carrier guns at desired perf's. Tbg. will be dry or fluid.
  - 6536-44' = 8' & 6 holes
  - 6548-52' = 4' & 2 holes
  - 6572-80' = 8' & 6 holes
  - 6619-25' = 6' & 4 holes
  - 6653-62' = 9' & 8 holes
6. Install well head & flowline to pit. Drop bar & perforate.
7. Flow test well
8. Depending on flow test well will be sand fraced as per attached frac schedule. Kill well with salt water & pooh with pkr & perf. guns. Run prod. packer on tbg. sand frac well.



- W.V. # 117 -  
 Compl. proc. (cont.)

9. MIRRU Howco sand frac down 2 7/8" tbg as follows.  
 with 12 BPM rate. using Versa frac 2600

Volume gal	Fluid loss lb/1000 gal	Breaker #/1000 gal	Sand #/gal	mesh	Amount of sand lbs
7500	50 Abo. Agua	0.4 AP	Pad		
5000	50 " "	0.4 AP	1.0	20-40	5000
5000	50 " "	0.4 AP	2.0	20-40	10000
5000	50 " "	0.4 AP	3.0	20-40	15000
2500	50 " "	0.4 AP	4.0	20-40	10000

Drop 8 7/8" 1.14 sp. gr. RCN sealer balls

Repeat Above 2 more times (3 times total)

Flush with 2% KCl containing 1 gallon Tri-S/1000 gal.

#### 10. Flow Test Well

Fluid.  
Description

Versa frac: 2600 — potable wtr w/ 2% KCl; 60 lbs WG-12/1000 gal;  
 1 gal. TRI-S/1000 gal; 0.6 gal CL-11/1000  
 gal.; + 2 gal HC-2/1000 gal.

All fluid to contain 2 lb/1000 FR-20 friction reducer.  
 and flush to contain 600 SCF/bbl. N<sub>2</sub>

Approved HSS  
 Date 5/19/78

Approved WRM  
 Date 5/19/78 5-22-78

RYA(S), JDR, HSS, WRM, RCK, LPW, WSB, MFB, file



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

July 11, 1977

Gulf Oil Corporation  
P. O. Box 2619  
Casper, Wyoming 82602

Re: Well No. Wonsits Valley/State Fed. 117  
Sec. 12, T. 8S, R. 21E,  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

August 17, 1978

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART  
Chairman

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

Gulf Oil Corporation  
P. O. Box 2619  
Casper, Wyoming 82602

Re: WELL NO. DAVIDSON 1-11D4  
Sec. 11, T. 4S, R. 4W,  
Duchesne County, Utah

WELL NO. WONSITS VAL./ST. FED. 117  
Sec. 12, T. 8S, R. 21E,  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Kathy Ostler*  
KATHY OSTLER  
RECORDS CLERK

SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771  
January 29, 1979

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART  
Chairman

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

Gulf Oil Corporation  
c/o Environmental Engineering Co.  
1720 South Poplar, Suite 5  
Casper, Wyoming 82601

Re: Well No. Uintah Test #1  
Sec. 16, T. 8S, R. 21E,  
Well No. Uintah Test #2  
Sec. 16, T. 8S, R. 21E,  
Well No. Uintah Test #3  
Sec. 16, T. 8S, R. 21E,  
~~Well No. Wonsits Val./St. Fed. #117~~  
Sec. 12, T. 8S, R. 21E,  
All Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

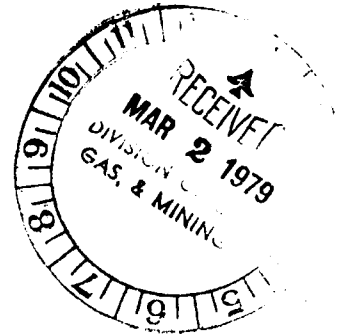
*Kathy Ostler*  
KATHY OSTLER  
RECORDS CLERK

# Gulf Oil Exploration and Production Company

J. D. Richards  
PRODUCTION MANAGER, CASPER AREA

P. O. Box 2619  
Casper, WY 82602

February 27, 1979



State of Utah  
Department of Natural Resources  
Division of Oil Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Attn: Kathy Ostler

Re: Uintah Test #1, Sec. 16, T8S, R21E  
Uintah Test #2, Sec. 16, T8S, R21E  
Uintah Test #3, Sec. 16, T8S, R21E  
Wonsits Valley/ St. Fed. #117  
Section 12, T8S, R21E  
All Uintah Co., Utah

Dear Ms. Ostler,

In reply to your January 29, 1979 letter request for completion reports on the above wells; this letter is to advise you of their status.

Uintah Test Numbers 2 & 3: inactive pending further work by enhanced recovery.

Uintah Test Number 1: inactive pending further work  
Wonsits Valley/St. Fed. #117: inactive pending decision for further work.

Very truly yours,

*BW Chacke*  
for J. D. Richards

GBB/kmh



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wonsits Valley

8. FARM OR LEASE NAME

Wonsits Valley/St.-Fed.

9. WELL NO.

117

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 12-S-21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gulf Oil Exploration & Production Company

3. ADDRESS OF OPERATOR

P. O. Box 2619, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

956' SNL & 1857' WEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5052' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☒

SHOOT OR ACIDIZE ☒

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Propose to perforate, treat & test the Tertiary Green River F-4 & G sand. This will require placing a cement plug across existing nonproducing Wasatch perforations and cement squeezing behind the 7" casing to place cement across the Green River interval. No additional surface disturbance is required. See attached procedure for details.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 5-2-79

BY: M.G. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED

R. C. Kersey

TITLE Petroleum Engineer

DATE 4-20-79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

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U.S. GPO 762-930

U.S.G.S.  
P. O. Box 2859  
Casper, WY 82602

Utah Oil & Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84111

cc: RWH  
DEP

## WELX PROGRESS REPORT-Field

GWS 99368

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN

DATE

YEAR

1976

A. F. E.

82879

LEASE AND WELL

WONSITS VALLEY UNIT-STATE-FEDERAL 117

## WONSITS VALLEY FIELD

Wonsits Valley Unit-State-Federal 117

12-8S-21E, Uintah Co., UT

11,700' - Mesaverde

1.000

12/5/76 NEW LOCATION SEARCH FOR GAS. Location 956' SNL & 1857' WEL, Section 12-8S-21E, Uintah County, Utah. Gulf Lease Number 8-90153-00, Gulf AFE #82879. Elevation 5052' GL. Contractor Manning. MIRT.

12/6/76 MIRT.

12/7/76 MIRT.

12/8/76 MIRT.

12/9/76 RU

12/10/76 304' Drlg. Mud 8.3#, Vis 27 secs. Dev. 1/2° at 110'. RU. Spud 12:01 AM 12-10-76

12/11/76 985' Drlg. Mud 8.4#. Dev. 3/4° at 305'; 1° at 506'; 1 3/4° at 675'; 1 1/2° at 798'; 1 1/2° at 853'; 2° at 945'.

12/12/76 1017' NU. Mud 8.3#, Vis 27 secs. Dev. 2° at 1017'. Trip. Ran 25 jts 9 5/8" K-55 38# 8RD set at 1015.18'. Collar at 931.66'. Washed 120' to btm. Cmt'd 135 sx Cl G w/15% gel, 3% NaCl, 2% CFR<sub>2</sub>, 2% CaCl<sub>2</sub> and 1#/sx TP, wt 12.6 plus 220 sx G w/3% salt and 2% CaCl<sub>2</sub> and 1#/sx TP 15.8#/gal. POB w/1200 psi at 5:50 PM 12-12-76. WOC.

12/13/76 1017' Test BOP. Mud 8.3#. Welded 10" series 900 wellhead. Test wellhead to 1000 psi. NU BOP. Test BOP's.

12-14-76 1370' Drlg. Mud 8.4#. Vis 28 secs. Dev. 2° at 1122'; 2° at 1215'; 2° at 1341'. KCl 3#/bbl. Testing BOP's, 3000# OK. PU DCS & GIH. Drlg. Cmt float and shoe. Test csg 1500# OK. Drlg. Background gas 5 units. Conn gas 20 units.

12/15/76 1740' Drlg. Mud 8.7#, Vis 28 secs. Dev. 3° at 1450'; 3° at 1545'; 2 1/2° at 1634'. Survey. Trip. Check for hole in DC. Background gas 5 units, conn gas 40 units, trip gas 50 units.

12/17/76 2565' Drlg. Mud 9#, Vis 33 secs, pH 8.7. Dev. 2° at 1760'; 1 3/4° at 1914'. Background gas 20 units, conn gas 110 units.

12/17/76 3253' Drlg. Mud 9.0#, Vis 28 secs, pH 8.5. Circ air out of mud. Background gas 40 units, conn gas 300 units.



## WELL PROGRESS REPORT-Field

GUS. 95368

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN	DATE	YEAR	1976	A. F. E.	82879	LEASE AND WELL	WONSITS VALLEY UNIT - STATE-FEDERAL 117
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- 12/18/76 3625' Drlg. Mud 8.9#, Vis 28 secs, pH 7.4. Dev. 1 3/4" at 3258'. Background gas 60 units, conn gas 300 units. 2 drlg breaks w/gas 3540-50 - 1500 units, 3572-80' - 1600 units.
- 12/19/76 4215' Drlg. Mud 9#, Vis 28 secs, pH 7.4.
- 12/20/76 4710' Drlg. Mud 9.1#, Vis 31 secs, pH 7.4. Background gas 15 units, conn gas 35 units.
- 12/21/76 5100' Drlg. Mud 9.0#, Vis 31 secs, pH 7.4. Background gas 5 units, conn gas 20 units.
- 12/22/76 5460' Drlg. Mud 9.0#, Vis 32 secs, pH 7.4.
- 12/23/76 5476' Reaming. Mud 9.0#, Vis 31 secs, pH 7.4. Dev. 1 3/4" at 5476'. Tight hole. Lost circ + 75 bbl. Mix 50 bbl pill w/LCM. Regained circ. PU core bbl. Reaming 4074'-4541'. POH.
- 12/24/76 5476' Trip. Mud 9#, Vis 32 secs, pH 7.3. Background gas 50 units, trip gas 500.
- 12/25/76 5468' Reaming. Mud 9.0#, Vis 30 secs, pH 7.4. PU core equip. Coring from 5446-5468'. Stuck pipe trying to make conn. Work stuck pipe loose. Cored acc'l 5' core bbl jammed. POH. Rec core 19'. WIH w/core Run #2. Reaming bridge at 2975' w/core bbl. Background gas 15 units, trip gas 250 units.
- 12/26/76 5468' POH w/Core #2. Mud 9.3#, Vis 38 secs, pH 7.3. Ream w/core head 25' to 3406'. RT for bit and reamer. No reaming rec. Circ cond mud on btm. RT for core bbl. Ream w/core bbl from 3287 to 3402'. Now POH for 8 1/2" core head.
- 12/27/76 5515' Coring. Mud 9.2+#, Vis 35 secs, pH 7.5. Trip for 8 1/2" core head & stab. Wash to btm. Core from 5468 to 5495' - core bbls jammed. Trip to rec core. Rec 27'. Now cutting core #3. Background gas 10 units, conn gas 25 units.
- 12/28/76 5553' Killing well. Mud 9.5#, Vis 35 secs, pH 7.4. Coring #3 from 5495-5553' total 58'. Circ gas out, raise mud weight to 9.3. Lost returns. Mixed 35 bbls LCM 20% pmpd down, did not hold. Mixed 122 bbls 20% LCM - regained circ. Circ for trip. Wtr flood came in. Attempting to kill wtr flood and lost circ.
- 12/29/76 5570' Coring. Mud 10.2#, Vis 32 secs, pH 6.8. Circ & killed well w/18% LCM and 10.2# mud. POH w/Core #3. Cut from 5494-5553'. Rec 51.90'. WIH w/Core Run #4. Reamed 180' to TD. Background gas 5 units, conn gas 20 units.
- 12/30/76 5589' Bldg volume. Mud 10#, Vis 32 secs, pH 9.8. Coring. Trip out w/core. Rec 36' of core from 5553-5589'. Trip in for Core #5. Wash 30' to btm. Lost 200 bbls mud. Build volume. Pmpd 150 bbls 20% LCM - no returns. Build volume pmpd 250 bbls 25% LCM. Fluid standing 40' down. Background gas 5 units, conn gas 20 units.
- 12/31/76 5614' Trip. Mud 10.0#, Vis 30 secs, pH 7.2. Build mud volume. Ream 60' to TD w/core bit. Coring from 5589-5614'. Circ - spot 28% LCM on btm up to 4000'. POH and LD Core #5. Cored 25'. Rec 24.20'. Now GIH for Core #6. Background gas 10 units, conn gas 0 units. Contractor R. L. Manning. MIRT 12-5-76, have not MORT.

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN	DATE	YEAR	A. F. E.	LEASE AND WELL	WONSITS VALLEY UNIT-STATE-FEDERAL 117
		1977	82879		

- 1/1/77 5627' Trip. Mud 10.2#, Vis 32 secs, pH 7.2. WIH for Core #6. Ream & wash 150'-5614' TD. Coring from 5614-5620'. Lost ret, mix 30% LCM pill. Pmp in and re-gained ret. Coring from 5620-5627'. Quit drlg. POH w/core #6 from 5614-5627'. LD core #6. Rec 7.2' or 55.4%. Found inner barrel w/stripped threads. WO inner barrel for Christianson. GIH w/Core #7. Background gas 10 units, trip gas 700.
- 1/2/77 5657' LD Core #7. Mud 10.2#, Vis 33 secs, pH 7. Trip in w/Core #7. Core. Trip out w/Core #7. Cored 30'. Rec 27.9'. Background gas 10 units, trip gas 650.
- 1/3/77 5708' Drlg. Mud 10.3#, Vis 35 secs, pH 7. Trip in Bridge at 3450'. Ream from 3450-5647'. Background gas 10 units, trip gas 50 units.
- 1/4/77 5915' Drlg. Mud 10.2#, Vis 36 secs, pH 6.8. Background gas 10 units, conn gas 0.
- 1/5/77 6028' Working stuck drill pipe. Mud 10.3#, Vis 37 secs, pH 7. WO diesel oil. Background gas 5 units, conn gas 10 units. ADDITION TO REPORT OF 1/2/77: Core #7 interval cored 5627-5657'.
- 1/6/77 6028' Working stuck pipe. Mud 10.2#, Vis 35 secs, pH 7, oil 4%. Spotted 40 bbls diesel around drill collar. Moved oil 1200', well started flwg. Circ out oil. Spotted 50 B0 w/60 gals pipe-Lax. Worked pipe. Moving oil up hole 1200', well started flwg. Circ oil out of hole. Ran FPI, found pipe stuck at 2140'. Worked pipe and conditioned mud, moved pipe 2' up hole. Ran FPI, found pipe stuck at 3540'. Worked pipe, preparing to run FPI and back off drill pipe.
- 1/7/77 6028' Fishing. Mud 10.1#, Vis 33 secs, pH 7. Ran Freepoint, found pipe stuck at 3631'. Backed off pipe at 3625' w/string shot. POOH w/38 stds, and one double. Went in hole w/fishing tool and screwed into fish. While jarring on fish & circ, hole bridged over and lost returns. Now running free point indicator.
- 1/8/77 6028' Washing to fish. Mud 10.1#, Vis 33 secs, WL 34 cc, pH 7.6, LCM 15, oil 4. Top fish at 3426'. Ran Free Point Indicator. Worked stuck pipe, stuck at 3456'. Run Free Point Indicator and backed off at 3426'. POOH w/36 stds at 1 single. WIH w/bit and BHA. Tight hole at 2710'. Circ & cond mud.
- 1/9/77 6028' Washing over. Mud 10.3#, Vis 38 secs, WL 8.9 cc, pH 8.5. LCM 20%, oil 6%. Circ & cond mud, made short trip, hole OK. Circ & cond mud. Trip out to PU wash pipe. Trip in w/wash pipe. Circ & cond hole. Washed over fish from 3433' to 3516'.
- 1/10/77 6028' Washing over fish. Mud 10.1#, Vis 38 secs, WL 12.2 cc, pH 10. LCM 18%, oil 10%. Washing over fish from 3516-3584'. POOH for drill shoe. WIH w/wash pipe and DP. Dropped string in hole. WIH w/open ended DP. Screwed into dropped fish and POOH. Changed shoe and WIH. Washing over from 3516-3584'. Top fish at 3426'. Bit at 5995'.
- 1/11/77 6028' Trip in w/wash pipe. Mud 10.2#, Vis 39 secs, WL 10.8 cc, pH 10.5. Wash over fish to 3723'. Trip out w/wash over pipe. Trip in hole w/open ended drill pipe, circ on top of fish, screwed into fish. Jar on fish 1 hr, weight indicator failed. WO weight indicator 1 hr. Run Free Point Indicator, found pipe stuck at 3800', backed off pipe at 3724'. RD Dialog, pull out of hole w/fish - 279.82'. 3 jts DP cross-over sub, 1 accelerator, crossed over sub, 4 DC's bumper sub, jars and crossed over sub. PU wash pipe and shoe, top of fish at 3724'. Left 51 jts 4 1/2" DP, 21-6 5/8" DC's, 2 stabilizers, 6 pt reamer, and shock sub. Tally 2264.79'.

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

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- 1/12/77 6028' Trip in w/open ended drill pipe. Trip in w/wash pipe to top of fish at 3724'. Wash over fish 3724' to 4010'. TO w/wash pipe. Down 12/ hr thawing fill-up line. Finish tripping out. Down 2 hrs rig repair, work on cathead.
- 1/13/77 6028' Trip in w/washer pipe. Mud 10.2#, Vis 42 secs, WL 9.9 cc, pH 11, LCM 20%, oil 12%. Trip in, tagged fish at 3718'. Screwed into fish. Ran sinker bar w/ Dialog. Worked stuck pipe, backed off at 4029'. Trip out w/fish, rec 10 jts DP (310'). Trip in w/DC's and wash pipe. Wash over to 4139'. Pmp press up. POOH. Shoe broken in 3 places. Trip in w/new shoe.
- 1/14/77 6028' Milling on WO Shoe. Mud 10.3#, Vis 42 secs, WL 9.6 cc, pH 11, LCM 19%, oil 14%. Wash over fish from 4029' to 4091'. Trip out w/wash pipe, left shoe in hole. PU jars and DC's, trip in screwed into fish and jarred on fish. RU Dia-Log and run spud bar to 5216'. Ran free point indicator backed off at 4091'. Trip out and LD 2 jts of fish. Trip in w/wash pipe, top of fish 4091'.
- 1/15/77 6028' Washing over fish at 4122'. Mud 10.2#, Vis 38 secs, WL 9.8 cc, pH 10.5, LCM 18%, oil 11%. Washed fish at 4122'. POOH w/shoe - worn on inside 1/2". WIH w/new flat btm shoe. Washed over fish at 4122' 4 hrs, no progress. POOH w/shoe - worn on inside. Down 1 hr rig repair, valve seats in pmp. WIH w/new shoe. Washed on fish at 4122' 4 hrs. Top of fish at 4091'. POOH. WIH w/8 1/2" OD x 7" ID shoe w/Tungsten on inside.
- 1/16/77 6028' Rng Freepoint indicator. Mud 10.2#, Vis 37 secs, WL 10.2 cc, pH 10.5, LCM 7%, oil 10%. Washing over w/shoe #9 at 4122 2 hrs, no progress. POOH. WIH w/shoe #10. Washing at 4122' 3 1/2 hrs. No progress. POOH. WIH w/jars and DC open ended. Screwed into fish at 4091'. Pmpd through fish - no returns. Cont. on following page.
- 1/16/77 Jarred on fish 2 hrs, attempt circ - no returns. Dialog perforated fish from 4615-4617' w/3 holes. Unable to circ. Reperforated 4425-4430' w/5 holes, attempt circ, no returns. Reperforated at 4167'-4172' 5 holes; no circ.
- 1/17/77 6028' Washing over fish. Dialog ran FPI and backed off at 4129'. POOH. Rec 1 jt 4 1/2" DP. WIH w/jars, BJ, Accelerator jars, 7-DC open ended. Screwed into fish at 4129', jarred fish. Dialog backed off at 4129'. POOH. WIH w/3 jts wash pipe and ocean wave shoe. Washed over fish from 4129'-4145'. Now POOH. Mud 10.2#, Vis 37 secs, WL 8.6 cc, pH 10.5, LCM 17%, oil 10%.
- 1/18/77 6028' Rng back off shot. Mud 10.2#, Vis 36 secs, WL 10.6 cc, pH 10.0, LCM 20%, oil 9%. POOH w/workover shoe #11. Lost 1' off btm. Mixing mud 2 hrs, lost 75 bbls mud in hole. WIH w/burning shoe #12. Went over fish at 4129'. Washed over fish from 4145-4147'. POOH. WIH w/DC & jars open ended. Screwed into fish at 4129'. Jarred on fish, circ. Ran 1 7/8" string shot stopped at 4146'. Ran 1" shot and fired at 4162'. Backed off at top of fish. Now rng second shot.
- 1/19/77 3739' LD DC. Mud 8.5#, Vis 36 secs, WL 17.5 cc, pH 11.0. Attempted to back-off at 4162' - 3 shots, failed. Made back-off at top of fish at 4129'. RD Dialog. POOH w/fishing tools. WIH open ended. Circ at 4129' - RU Howco. Set cmt plug from 4129' up to 3739' w/135 sx C1 G cmt w/10% sd & 2% CaCl<sub>2</sub>. POOH w/DP. WOC. Clean mud tanks & mixed mud. LD fishing tools.

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- 1/21/77 3894' Trip. Mud 8.7#, Vis 33 secs, WL 22 cc, pH 11.0, oil 2%. Dev. 3/4° S, 24° W at 3858'; 1 1/2° S, 4° W at 3894'. Drld w/Dyna Drill from 3785' to 3858' to sidetrack fish at 4129'. Went back in old hole. POOH. WIH w/new bit & Dyna Drill Drlg w/Dyna Drill from 3858' to 3894'. Circ for samples, rec 95% cmt. POOH for Dyna Flex 2 1/4°.
- 1/22/77 3940' Washing to btm. Mud 8.8#, Vis 33 secs, WL 23 cc, pH 11.0, Dev. 3/4° S, 4° W at 3894'; 1 1/2° S, 48° W at 3940'. Oil 1.5%. Trip out to PU Dyna flex Break and LD 1 1/2" Dyna Drill and PU Dyna flex drill. Trip in w/8 3/4" bit and Dyna Flex to attempt to side track at 4129'. Circ btms up after 25' - 3 m/ft 70% cmt, 30% shale. Drill w/Dyna Flex. Trip for new bit. Run wireline survey 3940' 1 1/2° S, 48° W. Wash to btm 20' fill.
- 1/23/77 3974' Trip for BHA. Mud 8.9#, Vis 34 secs, WL 24 cc, pH 10.5. Dev. 1 1/2° S, 48° W at 3942'; 4 1/2° S, 31° E at 3974'. Wash to TD from 3920-3940' w/Dyna Drill. Drld w/Dyanflex from 3940-3967'. Surveys indicate started sidetrack at 3924'. Circ out samples at 3967' - 100% shale. POOH - LD Dyna Drill. WIH w/bit & reamer. Reamed 70' from 3897-3967'. Drld to 3974'. POOH to stabilize string.
- 1/24/77 4291' Drlg. Mud 8.7#, Vis 35 secs, WL 17.2 cc, pH 10.5. Dev. 5 1/2° at 4041'; 5 1/2° at 4136'; 5 1/2° at 4260'.
- 1/25/77 4500' Drlg. Mud 9.0#, Vis 35 secs, WL 15.8 cc, pH 10.0. Dev. 5 1/2° at 4260'; 4 3/4° at 4386'; 4 3/4° at 4481'. Trip out to change BHA. Trip in and wash 30' to btm, 15' fill.
- 1/20/77 3822' Drlg to side track fish. Mud 8.7#, Vis 34 secs, WL 23.3 cc, pH 11.0. LD rental tools. PU 9 7" DC. WIH w/bit & DP. Disp and circ cond mud. Tag cmt at 3785'. Drilled 25' hard cmt. Circ 1 hr. POOH. Down 2 1/2 hrs WO Dyna Drill and Monel DC's. WIH w/Dyna Drill.
- 1/26/77 4826' Drlg. Mud 9.1#, Vis 35 secs, WL 12.4 cc, pH 9.5. Dev. 4 1/4° at 4533'; 3 1/2° at 4630'; 2 3/4° at 4753'.
- 1/27/77 5123' Drlg. Mud 9.0#, Vis 37 secs, WL 13.4 cc, pH 10.5. Dev. 2 3/4° at 4878'; 2 3/4° at 4971'; 2 3/4° at 5096'.
- 1/28/77 5289' Drlg. Mud 10#, Vis 42 secs, WL 11.4 cc, pH 9.5. Dev. 2 3/4° at 5096'.
- 1/29/77 5529' Drlg. Mud 10.1#, Vis 37 secs, WL 10.8 cc, pH 9.5. Dev. 2° at 5350'.
- 1/30/77 5709' Drlg. Mud 10.2#, Vis 40 secs, WL 10.8 cc, pH 10.
- 1/31/77 5862' Drlg. Mud 10.2#, Vis 38 secs, WL 10.8 cc, pH 10. Dev. 2 1/2° at 5711'.
- 2/1/77 6042' Drlg. Mud 10.1+#, Vis 39 secs, WL 10.3 cc, pH 10.
- 2/2/77 6242' Drlg. Mud 10.2#, Vis 37 secs, WL 10.8 cc, pH 10.

## WELL PROGRESS REPORT-Field

GUS 95393

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2/3/77 6395' Drlg. Mud 10.1#, Vis 35 secs, WL 11.5, pH 11. Background gas 30 units, conn gas 35 units.

2/4/77 6433' Reaming to btm. Mud 10.1#, Vis 37 secs, WL 11.2 cc, pH 11. Trip out SLM, OK. Rig repair - low drum clutch. Trip in to bridge at 5550'. Drill on bridge, stuck pipe jarred loose. POOH, LD stabilizers. Started reaming under gauged hole at 5150'. Background gas 50 units, trip gas 350 units.

2/5/77 6540' Drlg. Mud 10.2#, Vis 38 secs, WL 9.2 cc, pH 10.5. Background gas 5 units, conn gas 5 units.

2/6/77 6684' Drlg. Mud 10.2#, Vis 38 secs, WL 10.2 cc, pH 9.5. Background gas 20 units, conn gas 25 units.

2/7/77 6787' Drlg. Mud 10.1#, Vis 37 secs, WL 9.8 cc, pH 10.5. Background gas 8 units, conn gas 15 units.

2/8/77 6860' Drlg. Mud 10.2#, Vis 38 secs, WL 9.6 cc, pH 10.0. Background gas 2 units, conn gas 8 units, trip gas 40 units.

2/9/77 6877' Reaming to btm. Mud 10.1#, Vis 40 secs, WL 10.4 cc, pH 10.5. Dev. 2 1/2" at 6793'. Drld to 6877'. Trip out of tight hole from 5757' to 5010'. Trip in, hit bridge at 5073'. Reaming from 5073' to 5470'. Background gas 20 units, trip 400.

2/10/77 7002' Drlg. Mud 10.1#, Vis 40 secs, WL 7.2 cc, pH 11. Background gas 2 units, conn gas 10 units.

2/11/77 7166' Drlg. Mud 10.1#, Vis 42 secs, WL 7.9 cc, pH 11.

2/12/77 7318' Drlg. Mud 10.1#, Vis 40 secs, WL 7.0 cc, pH 10.0. Background gas 5 units, conn gas 10 units.

2/13/77 7446' Drlg. Mud 10.1#, Vis 40 secs, WL 7.2 cc, pH 10. Background gas 5 units, conn gas 15 units.

2/14/77 7600' Drlg. Mud 10.1#, Vis 40 secs, WL 6.8 cc, pH 9.5. Dev. 2 3/4" at 7454'. Trip gas 400 units, background gas 5 units, conn gas 15 units.

2/15/77 7790' Drlg. Mud 10.1#, Vis 39 secs, WL 6.8 cc, pH 10.0, oil 3%.

2/16/77 7978' Drlg. Mud 10.0#, Vis 39 secs, WL 7.2 cc, pH 10.0, oil 2.5%. Background gas 2-6 units, conn gas 60 units.

2/17/77 8,106' Trin Mud 10.1#, Vis 38 secs, WL 7.8 cc, pH 10.0, oil 2%.

2/18/77 8285' Drlg. Mud 10.0#, Vis 38 secs, WL 8.0 cc, pH 10.5. Background gas 0 units, conn gas 10 units.

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2/19/77 8467' Drlg. Mud 10.0#, Vis 39 secs, WL 7.6 cc, pH 10.0. Background gas 15 units, conn gas 28 units.  
2/20/77 8659' Drlg. Mud 10.0#, Vis 37 secs, WL 8.4 cc, pH 10.0, oil 3.0%. Background gas 35 units conn gas 75 units.  
2/21/77 8815' Drlg. Mud 10.0#, Vis 37 secs, WL 7.8 cc, pH 10.0, oil 2.5%. Background gas 10-20 units, conn gas 45 units.

2/22/77 8914' TIH. Mud 10.1#, Vis 38 secs, WL 7.6 cc, pH 9.5. Dev. 2 3/4° at 8914'.

2/23/77 9022' Drlg. Mud 10.1#, Vis 38 secs, WL 7 cc, pH 10. Background gas 15 units, conn gas 20 units.

2/24/77 9143' Drlg. Mud 10.1#, Vis 37 secs, WL 6.8 cc, pH 10, oil 2%, Background gas 0 units, conn gas 5 units.

2/25/77 9261' Drlg. Mud 10.2#, Vis 43 secs, WL 6.2 cc, pH 10, oil 2%. Background gas 0, Conn gas 10 units.

2/26/77 9297' Logging. Mud 10.2#, Vis 47 secs, WL 6.2, pH 10. Dev. 2 3/4° at 9297'. Drld to 9297'. POOH to log. Background gas 15 units, trip gas 700 units.

2/27/77 9297' LD DP. Mud 10.2#, Vis 49 secs, WL 6 cc, pH 9.5. Logging. Logs run: MLL, Bore hole sonic, neutron density log, DIL. Circ.

2/28/77 9297' Circ out DVT. Ran 7" csg as follows: 168 jts 26# S95 (7444') and 50 jts 26# N-80 LT&C (1847.58'). Total 218 jts (9291.58'). Shoe at 9290.19', float at 9200.39 DV tool at 7266.41'. KB 12.40'. Cmt w/95 sx C1 G plus 16% gel plus 3% salt. .6% Hr7 - wt 12.1#. Tailed in w/300 sx C1 G neat plus .5% HR-5 wt 15.8#/gal. Full ret at all times. Did not bump plugs. Disp w/351 bbls plus 45 bbls over disp. Opened DV tool. Tool opened w/1000#. Circ.

3/1/77 9297' NU BOP's. Cmtd second stage w/795 sx 50/50 pos, 2% gel. Bump plug w/2500#, OK Good circ throughout job. RD Howco. Set csg slips, hung 205,000# wt on slips. ND BOP's. NU 6" BOP's. Test tbg spool to 5000#. ADDITION TO REPORT 2/28/77: MLL log from 5850-3850'; Bore hole sonic from 9282-75'; CNL/FDC Neutron from 9292-4000'; DIL from 9285-1006'.

3/2/77 9297' PU 3 1/2" DP. NU BOP's. Test BOP's - 5000# all eqp. Hydrill 2500#. Change out Kellys.

3/3/77 8992' Drlg cmt. Mud 9.7#. Vis 38 secs, WL 18 cc, pH 11.5. Tagged cmt at 7167', 99' on top of DV tool at 7266'. Drlg cmt and DV tool. RIH, tag TOC at 7990'. Drlg cmt to 8992'.



## WELL PROGRESS REPORT--Field

WUS 95368

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
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- 3/4/77 9297' TIH and blowing csg dry. Drilled cmt to 9297'. Circ and cond hole for Cmt Bond Log. Run CBL. Top of cmt at 4955'. 1st stage good from 9260-7950'.
- 3/5/77 9297' Drying up csg. TIH and displace mud w/air. RU blooie line. Dumped 2 BW and 10 bbls soap to dry up csg. Still getting mist back.
- 3/6/77 9475' Drlg. Blowing hole dry, 5 hrs. Drlg cmt float collar and shoe. Air hit wtr 9' below shoe. Background gas 15 units, conn gas 45 units.
- 3/7/77 9610' Drlg. Mud - air mist. Circ for trip, 1/2 hrs. POOH. WO junk basket. WIH. Ream from 9378' to 9475'. Background gas 30 units, conn gas 125 units, trip gas 3000.
- 3/8/77 9637' WO Mist pmp. Drld to 9637'. Trip out. Background gas 65 units, trip 3000.
- 3/9/77 9693' TOH. WO mist pmp 5 1/2 hrs. TIH w/bit. Unload hole w/air mist. Reamed from 9453' to btm at 9637' and work by junk on btm. Drld to 9693'. Conn gas 40 units
- 3/10/77 9693' Reaming. Rec junk on trip for bit. Circ at 9284'. Ream bridges from 9347-9506'. Rec form wtr. Worked stuck pipe loose at 9506'. Pulled up to 9326'. Circ out. Rec wtr from hole.
- 3/11/77 9693' Trip in. Mud 9.0#, Vis 42 secs, WL 0, oil 95%. Reaming 6" hole at 9509'. w/air mist. Press up to 750 psi. Blowing form wtr. POH to 9351' to blow hole w/air mist. Disp hole w/oil mud w/11 bbl diesel oil ahead. Circ out at 9280'. WIH to 9505'. Ream to 9516', very hard.
- 3/12/77 9693' Wash & ream. Mud 8.5#, Vis 41 secs, WL 7.0 cc, pH 0, oil 91/9%. Wash from 9375' to 9690' on trip for bit. Background gas 5 units, conn gas 0 units.
- 3/13/77 9704' TOH. Mud 9.5#, Vis 44 secs, WL 7.2 cc, oil 86/14%. Ream and wash bridges and fill from 9381' to 9693'.
- 3/14/77 9756' TOH. Mud 9.7#, Vis 44 secs, oil 85/15%. Ream from 9437' to 9704' on trip for bit. Background gas 5 units, conn gas 8 units.
- 3/15/77 9840' Drlg. Mud 9.8#, Vis 46 secs, oil 85/15%. Wash & ream through bridge from 9406' to 9756' on trip for bit. Background gas 10 units, conn 15 units, trip gas 25 units.
- 3/16/77 9926' Drlg. Mud 9.9#, Vis 46 secs, WL 4.8 cc, oil 84/16%.
- 3/17/77 10,023' Drlg. Mud 9.8#, Vis 45 secs, WL 6 cc, oil 85/15%.
- 3/18/77 10,130' Drlg. Mud 9.8#, Vis 45 secs, WL 6.4 cc, oil 85/15%.

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3/19/77 10,225' Drlg. Mud 9.9#, Vis 46 secs, WL 5.2 cc, oil 86/14%. Background gas 0 units, conn gas 5 units.

3/20/77 10,337' Drlg. Mud 9.8#, Vis 46 secs, WL 7.6cc, oil 86/14%. Background gas 10 units, conn gas 37 units.

3/21/77 10,435' Drlg. Mud 9.8#, Vis 45 secs, WL 8 cc, oil 88/12%. Background gas 10 units, conn gas 40 units.

3/22/77 10,456' Reaming at 9895'. Mud 10#, Vis 45 secs, WL 6.4 cc, oil 88/12%. Circ and cond mud, 1 1/2 hrs. POH, short trip. Pipe drug up to 9147'. Circ & cond mud 1/2 hrs. GIH to 9490 hole tight.

3/23/77 10,456' Reaming. Mud 10.1#, Vis 45 secs, WL 4.2 cc, oil 88/12%. Reamed to 9895'. POH, WO jars. TIH. Reamed 9530-9781'.

3/24/77 10,458' Work stuck pipe. Mud 11.3#, Vis 45 secs, WL 3.8 cc, oil 89/11%. Ream from 9781-10,456, no free hole. Drlg. Short trip. Worked out 5 stands, jars quit working.

3/25/77 10,458' Run Free point. Mud 11.3#, Vis 45 secs, WL 3.8 cc, oil 89/11%. WO Dia-log 5 hrs. Run Free point 9667' backed off at 9252'. TIH. Screw into fish and jar on fish.

3/26/77 10,458' Drop pill. Mud 11.3#, Vis 53 secs, WL 4.2 cc, oil 89/11. Ran Freepoint and backed off at 9816'. TOH w/fish. Rec 17 DC's and jars. PU fishing tools and trip in hole. Wash fill at 9473'.

3/27/77 10,458' Reaming. Mud 11.8#, Vis 46 secs, WL 3.2 cc, oil 88/12%. TOH. WIH w/bit. Hit fill at 9473'. Reaming at 9648'.

3/28/77 10,458' Change BHA. Mud 11.7#, Vis 46 secs, WL 4 cc, oil 88/12%. Ream from 9648 to 9786'. Circ 5 hrs. Short trip. Hit bridge at 9481'. Ream 9481-9786', circ 1 hr. Short trip. Ream from 9686-9786' circ 1 1/2 hrs. TOH.

3/29/77 10,458' TOH. Mud 11.7#, Vis 52 secs, oil 88/12%. TIH w/fishing tool to 9602'. Wash to top of fish from 9602' to 9786'. Screwed into fish. Jarred and worked stuck fish, stuck fishing string. RU string shot & free point. Tried to back off at 9786'. BO at 9577'. Rescrewed into fish at 9577'. RU String shot & collar locator. Back off at 9677'. Leaving 3 4 3/4" DC's and 1 set Bowen jars Bumper sub; cross-over sub on top of fish at 9786'.

3/30/77 10,458' TOH w/fishing string. Mud 11.7#, Vis 52 secs, oil 88/12%. TOH after backoff at 9677'. TIH w/fishing string. PU Kelly and break circ at 9552'. Wash to top of fish, string wt w/kelly 130,000#. Circ & cond hole 3 hrs. Screwed into fish. Jar and worked stuck fish. Circ w/full returns. RU Dia-log. Ran 1 7/8" sinker bar to 9324' and stopped, could not jar through. RU 1" sinker bars - stopped at 9324'. Make manual backoff. TOH.

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3/31/77 10,458' Rng string shot. Mud 11.6#, Vis 44 secs. Finished POH w/manual back off. Backed off at 9241'. WIH open ended. Screwed into fish at 9241'. Circ through circ sub at 9786'. Worked and jarred fish. Fish free to top of fish #1 at 9786'. Dialog ran 1 5/8" bars to 9324'. Made manual back off at 8815'. Backed off at 9241'. Dialog made up string shot 15' x 5/8" OD rope socket. Ran string shot to 560'. Balled up. POH. Reassembled w/5/8" x 4' sinker bar. Ran to 9324', stopped. POH w/string shot.

4/1/77 10,458' Trip. Mud 11.5#, Vis 45 secs, oil 73.5%. Finish POH w/string shot. Circ through circ sub at 9786'. Work & jar on fish. Dialog ran impression block to 9324'. Imp block indicated drill pipe at 9324'. RD Dialog. Circ & work and jar on fish, 15 hrs. Dialog ran string shot & backed off at 9241'. POH w/drill pipe to run Wilson reversing back-off tool.

4/2/77 10,458' RIH w/fishing tools. Mud 11.5#, Vis 45 secs, oil 73.5%. Finish POH w/DP. Backed off at 9241'. Engaged fish at 9241' w/overshot. Set reversing tool at 9235' and backed off fish. POH. Rec 1 jt HW DP. Backed off at 9270'. GIH w/Wilson Tools. Engaged fish at 9270' w/overshot. Attempt to set reversing tool at 9265'. POH, no recovery.

4/3/77 10,458' Fishing. Mud 11.5#, Vis 45 secs, oil 73%. Finsih GIH w/rev tool and OS to fish at 9270'. Engaged fish. Set tool at 9268'. POH, no recovery. Engaged fish at 9270'. Set reversing tool at 9268', no recovery.

4/4/77 10,458' Trip in open ended. Mud 11.2#, Vis 42 secs, oil 73%. GIH w/tap w/69' ext below reversing tool. Screwed into fish. Work pipe, made back off at 9359'. POH. 10,000# to 15,000# drag. LD 3 jts wt pipe. GIH w/3 - 4 3/4" DC's, open ended.

4/5/77 10,458' WO wireline. Mud 11.2#, Vis 46 secs, WL 4.4 cc, oil 87/13%. Wash to top of fish. Screw into fish. Run Dialog sinker bars to 9920'. Run Free point to 9920'. GIH w/shot #1 at 9890'. Backed off at 9226', top of 3 DC's. Screwed back. GIH w/shot #2 at 9860'. No back-off. GIH w/shot #3, tried to back off at 9860'. Back off at 9372'. Screwed back into fish. Worked torque down hole. GIH w/shot #4-shot at 9830'. No back off. GIH w/Free Point.

4/6/77 10,458' Washing to top fish. Mud 11.2#, Vis 46 secs, oil 87/13%. Ran Free Point stopped at 9843'; 100% free at 9817'. POH w/Free point. Ran back off shot, did not back off 9786'. Rerun back off shot w/10 strands. Shot at 9786' backed off. POH. LD 2 bumper subs, 2 sets jars, accelerator and circ sub and 12 DC. TIH w/overshot, bumper sub, and jars. Washing out bridge at 9492'.

4/7/77 10,458' Circ. Mud 11.8#, Vis 45 secs, WL 4.6 cc, pH 86/14%. Attempt to wash to btm w/overshot at 9492'. Would not wash. Washed from 9492' to 9786' on trip for bit and daily jars. Circ and cond mud 4 hrs.

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN

DATE

YEAR

1977

A. F. E. 82879

LEASE AND WELL

WONSITS VALLEY UNIT/STATE 117

- 4/8/77 10,458' Circ & cond mud. Mud 11.9#, Vis 46 secs, WL 5.0 cc, oil 86/14%. Top fish at 9786'. Short trip, POH tight for 90'. Trip in. Ream from 9686' to 9746'. Change out Kelly hose. WO Kelly, Kelly plug w/rubber. PU Kelly. Change out vibrating hose. Circ in csg to make sure bit is clear. TIH. Ream from 9686' to 9786'.
- 4/9/77 10,458' Rng Free Point. Mud 12.6#, Vis 47 secs, WL 3.8 cc, oil 86/14%. Circ & cond mud. Short trip first 60' tight. Wash 85' to top fish at 9786'. Circ & cond mud, increased weight to 12.5#. Short trip first 30' tight. Wash 80' to top fish at 9786'. Circ & cond mud. POH. GIH open ended. Wash 50' to top fish. Screwed into fish, jarring on same. RU to Run Free Point.
- 4/10/77 10,458' Trip in hole. Mud 12.7#, Vis 47 secs, WL 3.2 cc, oil 86/14%. Run Sinker bars - stopped at 9787'. Ran backoff shot. Shot at 9787', no back off. Run back off shot, shot at 9787', no back off. Ran shot #3 - shot at 9756', backed off. Left 1 DC in hole. POH. LD jars, POH 70,000# drag for 90'. GIH w/bit & new jars. Top fish 9756'.
- 4/11/77 10,458' Washing to top fish. Mud 12.5#, Vis 50 secs, WL 3.5 cc, oil 87/13%. GIH. Wash from 9666' to 9706' lost Ret. POH to 9200'. Mixed LCM pill - 20%. Filled DP w/70 bbls. WO mud. Trip in to 9706'. Spot pill 70 bbls 20% LCM. POH 15 stds to 8105, attempt to circ. No Ret, POH 5 stds 7638', circ w/full ret. GIH, circ every 2 stds, full circ. Washed to 9756'. Circ full ret. Short trip, tag fill at 9706'. First 60' POH, tight on short trip.
- 4/12/77 10,458' LD DP. Wash to fish. Circ top of fish. Trip out and pmpd 2 jts out. TIH w/easy drill retainer and SLM. Set retainer at 9240', press test csg to 1000 psi 5 min, OK. Inj test 5 bbl/min at 1800 psi. Pmpd 30 bbls SAM-4 and pmpd 100 sx C1 G cmt w/.5% HR-4, then stung into retainer followed w/30 bbls SAM-4 and 40 bbls mud. Pull out of stiner and rverse circ. Circ LCM out of mud. Displaced hole w/40 bbls SAM-4 followed w/117 bbls 10# brine - corrosion treated.
- 4/13/77 10,458' TD. LD DP & DC's. Fill hole w/10# brine. Break down Kelly and RD rental tools. Clean cellar and ND BOP's. Clean mud tanks.
- 4/14/77 10,458' TD. Rigging down rotary tools.
- 4/15/77 10,458' TD. Rigging down.
- 4/16/77 10,458' TD. Cleaning rig.
- 4/17/77 10,458' TD. Cleaning rig.
- 4/18/77 10,458' TD. Cleaning rig.
- 4/19/77 10,458' TD. Cleaning up rig.
- 4/20/77 10,458' TD. WO Location. DROP TO INACTIVE STATUS PENDING FURTHER WORK.

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN

DATE

YEAR

1978

A. F. E. 82879

LEASE AND WELL

Wonsits Valley Unit/State Fed 117

6/14/78 Resuming report from Inactive Status of 4-20-77. MI & RU R&R Well Ser. RIH w/ bit & scraper to 7295'. Circ hole. POH. SIFN.

6/15/78 Ran Vann perf assembly & Baker Model R pkr on 2-7/8" tbg. RU Go Intl, ran GR for correlation. Set pkr w/ guns @ perf depth. Dropped bar & perf 6536-44', 6548-52', 6572-80', 6619-25', 6653-62'. Weak blow for 10 min. Open 2 hrs w/ no blow. SIFN. 12 hrs SIP 0#.

6/16/78 Ran swab, found FL @ 5600', 900' rise in 16 hrs. Swab 7 BW w/ tr oil & swb dry. Released pkr & POH. SIFN.

6/17/78 Ran Baker Model R pkr on 207 jts 2-7/8" OD tbg. Set pkr @ 6485'. MI & RU Halliburton. Frac dn tbg in 3 stages using Versa Frac 2600 as follows: Pmp 7500 gal Versa Frac 2600 pad (press broke from 4600-4000# 1st stage). Pmp 5000 gas Versa Frac 2600 w/ 1 ppg 20-40 sd. Pmp 5000 gal Versa Frac 2500 w/ 2 ppg 20-40 sd. Pmp 5000 gal Versa Frac 2600 w/ 3 ppg 20-40 sd. Pmp 2500 gal Versa Frac 2600 w/ 4 ppg 20-40 sd. Drop 8 7/8" RCN ball sealers after stage 1&2. Balled out while pmp pad following stage 2. Release press, dropped balls off perfs & continued w/ stage 3. Flushed w/ 50 BW (2% KCL) containing 600 SCG nitrogen/bbl. Max treat press 5050#, min 4000# avg 4800#. AIR 19.5 BPM. ISIP 1750#, 15 min SIP 1630#, 1925 BLTR. SI 2 hrs for gel break. RD Halliburton. Open well, flwd 257 BW in 7 hrs & died 1668 BWYTR.

6/18/78 ONSIP 0. FL @ surface. Swbd 229 BW in 10 hrs. Swbg FL 3400'. SIFN. 1489 BWYTR.

6/19/78 SITP 80#. Swb dn to 6000'. 368 BW w/ tr oil. No gas. 1191 BWYTR.

6/20/78 Tbg press 100#. Swab 10 hrs from 1400-6200'. Rec 298 BW w/ tr oil. No gas. 893 BLWYTR.

6/21/78 Tbg press 100#. Swab 10 hrs from 3400' to 6200', 296 BW & 6 Bbl 29.3° API oil. No gas. 597 BWYTR.

6/22/78 SITP 100#. Swb tbg from 3400 to 6000'. Rec 172 BW, 2 BO. 425 BLWYTR. SION.

6/23/78 Tbg press 50#. RU Go, ran static temp survey. Swb tbg from 3800' to 6000'. Rec 28 BW w/ tr oil. RU Go & ran temp surv. SION. 569 BWYTR.

6/24/78 Swb 4 hrs 75 BW, tr oil. POH & LD tbg. Will RD today. DROP TO INACTIVE STATUS PENDING DECISION FOR FURTHER WORK.

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . . In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.			
GUIDE MARGIN	DATE	YEAR	1979 A. F. E. 82879 LEASE AND WELL Wonsits Valley Unit/State-Fed. #117.

5/14/79-

6/9/79

Resuming reports from inactive status of 2-3-77. Complete. AFE No. 82879. MI & RU Gibson Well Serv. PU 2 7/8" tbg. & spot 55 sx. Class "H" cmt 8730'-8500'. PU & spot 55 sx Class "H" cmt. across Wasatch perms 6696'-6396'. RU GO Intl. & GIH w/ 4" ret. csg. gun & perf 7" csg. @ 5770'. Attempt to circ. down csg. & up csg. - hole annulus. Pumped in @ 1800 psi, could not circ. Ran Howco E-Z drill ret. & set @ 5750'. Pumped 220 sx Class "H" cmt. w/ .6% Halad-9 & .4% CFR-2 @ rate of 2 BPM, Max. press 2500 psi. Ran CBL, top bond 5710'. Perf 5670'-5672', 4 HPF. Set ret. @ 5660'. Pumped 200 sx Class "H" cmt. w/ .6% Halad-9, 2% Bentonite & 2% CaCl. Max. press. 3100 psi. Ran CBL, good bond to 5490'. GIH w/ bit & drill & clean out to 5706'. Tested each set of sq. perms. to 600 psi, OK. Ran scraper to 5706'. RU Welx & perf. 7" csg. 5637'-5650' w/ 2 HPF using 4" ret. hollow carrier csg. gun w/ 22.7 gr. charges @ 120° phasing. Run RTTS w/ 1 jt. tail pipe. Spot 1000 gal. 15% HCL across perf. Set pkr. @ 5620' & pump in @ 1/4 BPM. Form. broke @ 2700 psi, pumped in @ 1400 psi. Well flowed @ max. rate of 885 BPD, est. 99% wtr., 1% oil. Flowed several days as space permitted. Total rec. 1954 bbls. Est. 99% wtr. Chl. 36,000. SITP 700 psi. Closed in two offset inj. wells & attempted to kill w/ 10# brine wtr., could not. CI overnight w/ hole full 10# brine. SITP 80#. Circ. w/ 11# Mg Cl wtr. & killed. POH Howco RTTS & ran E-Z drill, set @ 5587' & squeezed w/ 100 sx Class "H" w/ .6% Halad-9, 2% Bent. & 2% CaCl. Max. press. 2000 psi. PU & rev. out.

6/10/79

POH. Ran 1 jt. tail pipe, RTTS on 2 7/8" tbg. Suspended @ 5300'. SIFN.

6/11/79

SD for Sunday.

6/12/79

Set pkr. @ 5269' - end of tail pipe @ 5300'. RU GO Intl. Perf 5520'-30' w/ 2" scalloped DML densi-jet, decentralized, 0° phasing, 2 hpf. No flow or kick. POH. RU to swab. Could not get down because of paraffin. SIFN.

6/13/79

Unseat pkr. & hot oil tbg. Reseat. Fluid @ surface. Made 6 runs in 1 1/2 hrs. Rec. 69 BW. FL @ 3500'. Swabbing from 4500'. SD 30 min., FL @ 200'. Made 5 runs, rec. 54 BW, FL @ 3000'. SD 25 min., Tbg. blow. FL @ 400'. Made 6 runs, rec. 74 BW. FL @ 2326'. Rec. 10 BW. Cont. swabbing. Rec. total 236 BW, slight rainbow. SIFN.

6/14/79

13 1/2 hr. SITP 620 psi. Flowed 8 hrs. Rate: 21 BW 1st hr., 26 BW 2nd hr., 16 BW 3rd hr., 17 BW 4th hr., 21 BW 5th hr., 20 BW 6th hr., 19 BW 7th hr., 18 BW 8th hr. Chl. 23,700 ppm. Rec. 158 BW, slight skim oil. SIFN. Will run TS today.

6/15/79

15 hr. SITP 580#. RU GO Intl. Run base temp. log. Flowed 4 hrs. & run diff. temp. survey. Flowed 1 add. hr, total 5 hrs. Made 99 BW.

6/16/79

SITP 580 psi. Opened @ 7:30. Flowed 426 BW in 21 1/2 hrs. Water is crystal clear w/ occasional slugs of mucky water. SI offset inj. wells #27 & #37 @ 8:00 a.m.

6/17/79

16 1/2 hr. SITP 560#. Flowed 226 BW in 13 hrs. Total rec. 1084 BW in 50 1/2 hrs. Slight skim oil.

6/18/79

SD for Sunday.

6/19/79

40 1/2 hr. SITP 560#. Unseat RTTS & circ. 225 bbls MgCl 11# wtr. Killed well & pulled pkr. & tbg. GIH w/ Howco EZ-Drill to 5500'. SIFN.

6/20/79

GIH w/ cmt. ret. on 2 7/8" tbg. Hung @ 5500'. SIFN.

6/21/79

Set cmt. ret. @ 5500'. RU Howco. Pumped @ 3 1/2 BPM @ 1300#. Pumped 21 BW, 100 sx Class "H" cmt. w/ .6% Halad-9, 2% Bent., & 2% CaCl<sub>2</sub>, pumping @ 1 1/2 BPM @ 1500#. Started displ. w/ form. wtr. @ 600# @ 1 BPM. Press. incr. to 1500# @ end of displ. Sting out of pkr 15' & rev. out w/ 65 BW. Est. 1 1/2 bbl. cmt. returned. RD Howco. POH & LD tbg. RD, POH. Installed wellhead. RD & MO CU.



Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN

DATE

YEAR 1979

A. F. E. 82879

LEASE AND WELL

Wonsits Valley Unit/State-Fed. No. 117

6/22/79 Drop to inactive status pending approval to P & A.

## - Completion Procedure

Wonsits Valley Unit Well No. 117

Sec. 12-T8S-R21E

Uintah County, Utah

\* Charge to D+C AFE No. 82879\*

1. MIRU completion unit. Install BOP's & test to 3500 psi. Fill hole w/saltwater (9.0 ppG).
2. PU & GIH w/ 2 7/8" O.D. tbg open ended, run tbg to  $\pm$  6700'.
3. Spot 55 sxs class H cement across Wasatch perms (264' plug w/ 100' plug above perms).
4. Pull tbg to 6300' & reverse out w/salt water. POOH w/tbg.
5. RU Wire line Co. GIH w/ 4" retrievable casing gun w/ 10 DML 14gm charges. Shoot 10 holes at 5770' (4 jhp).
6. Circulate down csg and up csg-hole annulus. Estimated capacity csg and csg-hole annulus is 440 bbl.
7. PU & GIH w/ Halliburton E-Z drill squeeze pkr on 2 7/8" O.D. tbg. Set pkr @ 5750'.
8. Pump 220 sx class H cement w/ 0.6% Halad-9 and 0.4% CFR-2.
9. Pull out of squeeze pkr & spot 1sx cement on top of pkr. Pull 2 jts tbg & reverse out w/salt water.
10. POOH w/tbg. SION.

11. MIRU Wireline Co. Run CBL-GR from PBTD to 4000'.

If CBL looks good, procede w/ Stage I of completion procedure. If the CBL shows poor bonding, further instructions will be given from this office.

### Stage I

12. RUI Wireline Co. Install lubricator and test to 1000 psi. Perforate the interval 5637-5650' w/ 2 jhp f using 4" GO DML 23 retrievable hollow carrier casing gun w/ 22.7 gm charges at 120° phasing. Correlate CBL-GR-CCL log to Schlumberger Sonic Log Run # dated 2/25/77.
13. PU & GIH w/ Halliburton RTTS ret pkr on 2 7/8 tbg. Set pkr at  $\pm$  5620'.
14. Flow test well.
15. If necessary, sand frac the interval 5637-50' with 17 000 gal Versagel 2600 and 27,000 lb of 10-20 sand down 2 7/8" O.D. tbg at 15 BPM as follows:  
(tbg-csg annulus should be full)  
(Next Page)

15. cont.

Volume (gal)	Ratio (ppg)	Mesh	Sand (lb)
2000	Pre pad		
5000	Pad		
2000	1	10-20	2000
2000	2	10-20	4000
3000	3	10-20	9000
3000	4	10-20	12000

Flush to top perf.

Rate 15 BPM @ a max surf press. of 5000.

Fluid Description:

A. Prepad to contain 20#/M WG-12  
and 50#/M Adomite Aqua

B. Pad to contain 60#/M WG-12,  
0.6 gal/1000 CL-11, 1#/M GBW-3  
and 50#/1000 Adomite Aqua.

C. Sand-Laden fluid, same as  
Pad only reduce Adomite Aqua  
to 20#/M.

All fluids to contain 1 gal/M TRI-S  
and all fluids to be 2% KCl  
mixed with Wonsits Valley produced water.

16. Leave well SION.
17. Cleanup, flow or swab test well.

## Stage II

18. POOH w/ tbg and pkr.
19. MIRU Wireline Co. Install lubricator and test to 1000 psi.
20. Perforate the interval 5520-5546' w/ 2 jhpf using 4" GO DML 23 retrievable hollow carrier casing gun w/ 22.7 gm charges at 120° phasing. Correlate CBL-GR-CCL log to Schlumberger Sonic Log Run #1 dated 2/25/77.
21. PU & GIH w/ Halliburton ret. BP and RTTS pkr on 2 7/8" O.D. tbg. Set RBP at  $\pm$  5560, set pkr at  $\pm$  5500'. Test BOP's to 3500 psi.
22. Flow test well.
23. If necessary, sand frac the interval 5520-5546 with 22,000 gal Versagel 2600 and 37,000 lb of 10-20 mesh sand down 2 7/8" O.D. tbg at 15 BPM as follows:  
(+bg - csg annulus should be full)

(Next Page)

23. cont.~

Volume (gal)	Ratio (ppg)	Mesh	Sand (lb)
--------------	-------------	------	-----------

2000		Pad	
6000		Pre pad	
3000	1	10-20	3000
3000	2	10-20	6000
4000	3	10-20	12000
4000	4	10-20	16000

Flush to top perf.

Rate 15 BPM @ a max surf press of 5000 psi

Fluid Description: Same as Stage I frac

24. Leave well SION.

25. Cleanup, flow or swab test well

26. Retrieve RBP &amp; 700H w/ tbg, pkr &amp; RBP.

27. Run 2 7/8" O.D. tbg w/ SN & tbg anchor to  $\pm$  5600. Pump size & rod string will depend on well test.RCK  
4/17/79

This procedure assumes production from each zone. Any part of the procedure after Stage I evaluation is subject to change dependent on Stage I results.

Approved HSS Approved CWC Approved [Signature]  
 Date 4/18/79 Date 4/18/79 Date 4-19-79

cc: RYA(3), JDR, CWC, HSS, RCK, FILE

Wonsits Valley 117

H= 12. Elev. KB

9 5/8" 38# K-SS set @ 1015'

TOC 4955

F-2 sand 5520-46 } new perfs.  
G sand 5637-50 }

6536-44 }  
6548-52 } Cement  
6572-80 }  
6619-25 }  
6653-62 }

PBTD

9240

7" 26# N-80 set 9292

TD 10458



## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ <b>b. TYPE OF COMPLETION:</b> NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										<b>7. UNIT AGREEMENT NAME</b> _____																													
<b>2. NAME OF OPERATOR</b> _____										<b>8. FARM OR LEASE NAME</b> _____																													
<b>3. ADDRESS OF OPERATOR</b> _____										<b>9. WELL NO.</b> _____																													
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</b> At surface _____  At top prod. interval reported below _____  At total depth _____										<b>10. FIELD AND POOL, OR WILDCAT</b> _____																													
<b>14. PERMIT NO.</b> _____ <b>DATE ISSUED</b> _____										<b>12. COUNTY OR PARISH</b> _____					<b>13. STATE</b> _____																								
<b>15. DATE SPUDDED</b>			<b>16. DATE T.D. REACHED</b>			<b>17. DATE COMPL. (Ready to prod.)</b>			<b>18. ELEVATIONS (DF, REB, RT, GR, ETC.)*</b>					<b>19. ELEV. CASINGHEAD</b>																									
<b>20. TOTAL DEPTH, MD &amp; TVD</b>			<b>21. PLUG, BACK T.D., MD &amp; TVD</b>			<b>22. IF MULTIPLE COMPL., HOW MANY*</b>			<b>23. INTERVALS DRILLED BY</b>					<b>ROTARY TOOLS</b>					<b>CABLE TOOLS</b>																				
<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*</b>															<b>25. WAS DIRECTIONAL SURVEY MADE</b>																								
<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b>															<b>27. WAS WELL CORED</b>																								
<b>28. CASING RECORD (Report all strings set in well)</b>																																							
<b>CASING SIZE</b>					<b>WEIGHT, LB./FT.</b>					<b>DEPTH SET (MD)</b>					<b>HOLE SIZE</b>					<b>CEMENTING RECORD</b>					<b>AMOUNT PULLED</b>														
<b>29. LINER RECORD</b>															<b>30. TUBING RECORD</b>																								
<b>SIZE</b>			<b>TOP (MD)</b>			<b>BOTTOM (MD)</b>			<b>SACKS CEMENT*</b>			<b>SCREEN (MD)</b>			<b>SIZE</b>			<b>DEPTH SET (MD)</b>			<b>PACKER SET (MD)</b>																		
<b>31. PERFORATION RECORD (Interval, size and number)</b>										<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>																													
5637'-5650' w/2 HPF 22.7 gr. charges 5520'-5530' w/2 HPF DML densi-jet										<b>DEPTH INTERVAL (MD)</b>					<b>AMOUNT AND KIND OF MATERIAL USED</b>																								
										5670'-5672'					Squeeze w/200 sx. Class "H"																								
										5637'-5650'					1000 gals 15% HCl																								
										5637'-5650'					Squeeze w/100 sx Class "H"																								
5520'-5530'					Squeeze w/100 sx. Class "H"																																		
<b>33.* PRODUCTION</b>																																							
<b>DATE FIRST PRODUCTION</b>					<b>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</b>										<b>WELL STATUS (Producing or shut-in)</b>																								
<b>DATE OF TEST</b>					<b>HOURS TESTED</b>					<b>CHOKE SIZE</b>					<b>PROD'N. FOR TEST PERIOD</b>					<b>OIL—BBL.</b>					<b>GAS—MCF.</b>					<b>WATER—BBL.</b>					<b>GAS-OIL RATIO</b>				
<b>FLOW. TUBING PRESS.</b>					<b>CASING PRESSURE</b>					<b>CALCULATED 24-HOUR RATE</b>					<b>OIL—BBL.</b>					<b>GAS—MCF.</b>					<b>WATER—BBL.</b>					<b>OIL GRAVITY-API (CORR.)</b>									
<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b>															<b>TEST WITNESSED BY</b>																								
<b>35. LIST OF ATTACHMENTS</b>																																							
<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>																																							
<b>SIGNED</b> _____										<b>TITLE</b> _____										<b>DATE</b> _____																			

**\*(See Instructions and Spaces for Additional Data on Reverse Side)**

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Cementing should be separately produced, showing the additional data pertinent to such interval.

**Item 33:** Submit a completed report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

U.S.G.S.

8440 Federal Building

125 S. State Street

Salt Lake City, Utah 84138

Utah Oil & Gas Commission

1588 West North Temple

Salt Lake City, Utah 84116

Bureau of Indian Affairs

**United Way Agency**

Fort Duchesne, Utah 84062

Well File

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Gulf Oil Corporation							
3. ADDRESS OF OPERATOR P. O. Box 2619, Casper, WY 82602							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 956' FNL & 1857' FEL At top prod. interval reported below At total depth Same							
14. PERMIT NO. N/A				DATE ISSUED 11-19-76			
5. LEASE DESIGNATION AND SERIAL NO. U-0806		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Wonsits Valley					
7. UNIT AGREEMENT NAME Wonsits Valley		8. FARM OR LEASE NAME Wonsits Valley Unit St/Fed.					
9. WELL NO. 117		10. FIELD AND POOL, OR WILDCAT Wonsits Valley					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 12-8S-21E		12. COUNTY OR PARISH Utah					
13. STATE Utah		14. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5052' GR					
15. DATE SPUDDED 12-10-76		16. DATE T.D. REACHED 3-24-77		17. DATE COMPL. (Ready to prod.) Pending P & A		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5052' GR	
19. ELEV. CASINGHEAD 10,458'		20. TOTAL DEPTH, MD & TVD 10,458'		21. PLUG, BACK T.D., MD & TVD 5,500'		22. IF MULTIPLE COMPL., HOW MANY* 1	
23. INTERVALS DRILLED BY 10,458'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* No		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN MLL, BHC, CNL-FDC, DIL, CBL	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)					
Casing Size		Weight, lb./ft.		Depth Set (MD)		Hole Size	
9-5/8"		38#		1015'		10-3/4"	
7"		26#		9290'		8-3/4"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)			
Size		Top (MD)		Bottom (MD)		Sacks Cement*	
Screen (MD)		Size		Depth Set (MD)		Packer Set (MD)	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
Depth Interval (MD)		Amount and Kind of Material Used		35. LIST OF ATTACHMENTS			
6536'-6662'		1486 Bbls. gel w/sand		core analysis			
8730'-8500'		55 sx. Class "H"		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
6696'-6396'		55 sx. Class "H"		SIGNED <u>Ryan C. Kersey</u> TITLE <u>Petroleum Engineer</u> DATE <u>7-17-79</u>			
5770'		Squeeze w/200 sx. Class "H"		* (See Instructions and Spaces for Additional Data on Reverse Side)			

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 30.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TRUE VERT. DEPTH
	5446'	5468'	Core #1	Upper Green River	2675'
	5468'	5495'	Core #2	Lower Green River	4800'
	5495'	5553'	Core #3	Wasatch	5910'
	5553'	5589'	Core #4	Mesa Verde	9075'
	5589'	5614'	Core #5		
	5614'	5627'	Core #6		
	5627'	5657'	Core #7		

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

August 6, 1979

Gulf Oil Corporation  
P. O. Box 2619  
Casper, Wyoming 82602

Re: Well No. Wonsits Valley/ST. FED. #117  
Sec. 12, T. 8S, R. 21E,  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 7-17-79, from above referred to well, indicates the following electric logs were run: MLL, BHC, CNL-FDC, DIL, CBL

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radiocativity logs.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Kathy Avila*  
KATHY AVILA  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR

Gulf Oil Corporation, Attn: R.W. Huwaldt

3. ADDRESS OF OPERATOR

P.O. Box 2619, Casper WY 82602-2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 956' SNL &amp; 1857' WEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

(other) Convert to WIW for "G1"

5. LEASE

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wonsits Valley

8. FARM OR LEASE NAME

Wonsits Valley/St.-Fed.

9. WELL NO.

117

10. FIELD OR WILDCAT NAME

Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 12-8S-21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5052' G1

**RECEIVED**  
OCT 11 1982

(NOTE: Report results of multiple completion or cone change on Form 9-330.)

DIVISION OF  
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRU Pulling Unit & 2 7/8" workstring.
2. ND Well head NU BOP Test csg. to 1500 PSI (max. anticipated injection pressure is 1200 PSI).
3. RIH w/ bit & scraper for 7" 26# csg. on workstring. Clean out to  $\pm$  5690'. POH & LD workstring.
4. RU Wireline Co. RIH w/ 4" HSC & perf. 5637'-50' w/ 4 TSPF 23 gr. chgs.
5. PU & RIH w/ coated (Baker A-2 LOKSET) RET. PKR. on 2 7/8" coated tbq. set @  $\pm$  5600. ND BOP NU wellhead.
6. RU Acidizers. Acidize w/ 1500 gal. 15% HCl w/ additives. Press annulus to 1000 # for acid job.
7. Hook up to inj. lines and start injecting.
8. Install solar cathodic protection to csg.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED D.F. McHugo TITLE Production Engineer DATE October 7, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between, and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-149

### RWH-INFO

Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104-3884

DFM

CCH

State of Utah  
Dept. of Natural Resources  
Div. of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Chairman, Attn: Energy & Mineral  
Ute Tribe  
P.O. Box 190  
Fort Duchesne, UT 84026

DeGolyer & MacNaughton  
1 Energy Square  
Dallas, TX 75206  
ATTN: Jim Curry





STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 13, 1982

Mr. R.W. Huwaldt  
Gulf Oil Corporation  
P.O. Box 2619  
Casper, WY 82602-2619

Re: Wonsits Valley  
Well #117  
Sec. 12, T8S, R21E  
Uintah County, Utah

Dear Mr. Huwaldt,

I regret that we are not able to proceed with the processing of your submitted request to convert the above mentioned well into a water injection well. The Division requires operators to fill out and complete the required application forms which are enclosed for your convenience.

Also, please find enclosed a copy of the new Underground Injection Control rules and regulations, which will supply you with the information and criteria necessary to meet the requirements when submitting an application for a Class II Injection well.

If you have any questions relative to the above matter, please do not hesitate to call.

Very truly yours,  
DIVISION OF OIL, GAS AND MINING

THALIA R. PRATT  
UIC ADMINISTRATOR

TBP/tp

Enclosures: UIC Forms and rules & regulations.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR  
Gulf Oil Corporation, ATTN: R. W. Huwaldt
3. ADDRESS OF OPERATOR  
P.O. Box 2619, Casper WY 82602-2619
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 956' SNL & 1857' WEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Note of Surface Disturbance			

5. LEASE U-0806	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME WONSITS VALLEY	
8. FARM OR LEASE NAME WONSITS VALLEY/STATE-FEDERAL	
9. WELL NO. 117	
10. FIELD OR WILDCAT NAME WONSITS VALLEY	
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 12-8S-21E	
12. COUNTY OR PARISH Uintah	13. STATE Utah
14. API NO. 43-047-05861	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5052' GL	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

An injection line will be run from the well head due West for 270'. The original lease location covers 150' of the 270'. Due to the fact that this is BIA land the line will have to be buried.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED D. F. McHugo TITLE Production Engr. DATE 10-14-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## Instructions

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Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104-3884

State of Utah  
Dept. of Natural Resources  
Div. of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Chairman, ATTN: Energy & Mineral  
Ute Tribe  
P. O. Box 190  
Fort Duchesne, UT 84026

DeGolyer & MacNaughton  
1 Energy Square  
Dallas, TX 75206  
ATTN: Jim Curry

RWH-INFO

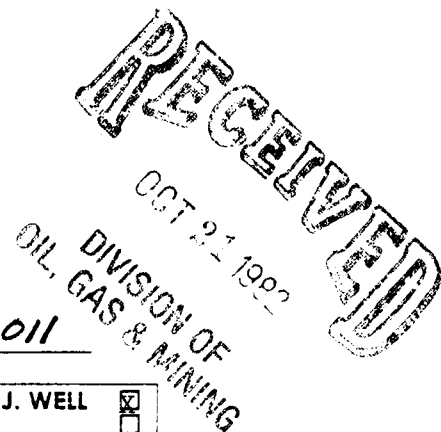
DFM

CCH

GPO : 1976 O - 214-149

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE 1-5)

FORM NO. DOGM-UIC-1



IN THE MATTER OF THE APPLICATION OF  
Gulf Oil Corporation

CAUSE NO. UIC-011

ADDRESS P. O. 2619  
Casper, Wy. ZIP 82602

ENHANCED RECOVERY INJ. WELL ☒  
DISPOSAL WELL ☐

INDIVIDUAL ☐ PARTNERSHIP ☐ CORPORATION ☒  
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE Wonsits Valley WELL Unit #117  
SEC. 12 TWP. 85 RANGE 21E  
Uintah COUNTY, UTAH

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Wonsits Valley Unit S-F</u>	Well No. <u>117</u>	Field <u>Wonsits Valley</u>	County <u>Uintah</u>
Location of Enhance. Recovery Injection or Disposal Well <u>NW NE</u> Sec. <u>12</u> Twp. <u>85</u> Rge. <u>21 E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>10/82</u> to <u>1500</u> psi	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile _____	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil</u>
Location of Produced water from Injection Source(s) <u>Wonsits Valley Unit Wells</u>		Geologic Name(s) and Depth of Source(s) <u>Green River wells</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>5637</u> to <u>50</u>	
a. Top of the Perforated Interval: <u>5736</u>	b. Base of Fresh Water:	c. Intervening Thickness (a minus b)	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones			
Injection Rates and Pressures Maximum <u>1000</u> B/D <u>1400</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			

State of Wyoming

Gulf Oil Corporation

County of Natrona

Applicant

D. F. McHugo

Before me, the undersigned authority, on this day personally appeared D. F. McHugo known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 19th day of October 1982

SEAL

My commission expires June 24, 1984

Epabell K. Spomer  
Notary Public in and for Natrona County, Wyoming

(OVER)

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.

2. Attach qualitative and quantitative analysis of representative sample of water to be injected.

3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.

4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)

5. Attach Electric or Radioactivity Log of Subject well (if released).

6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.

7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.

8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.

9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.

10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.

11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.

12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.

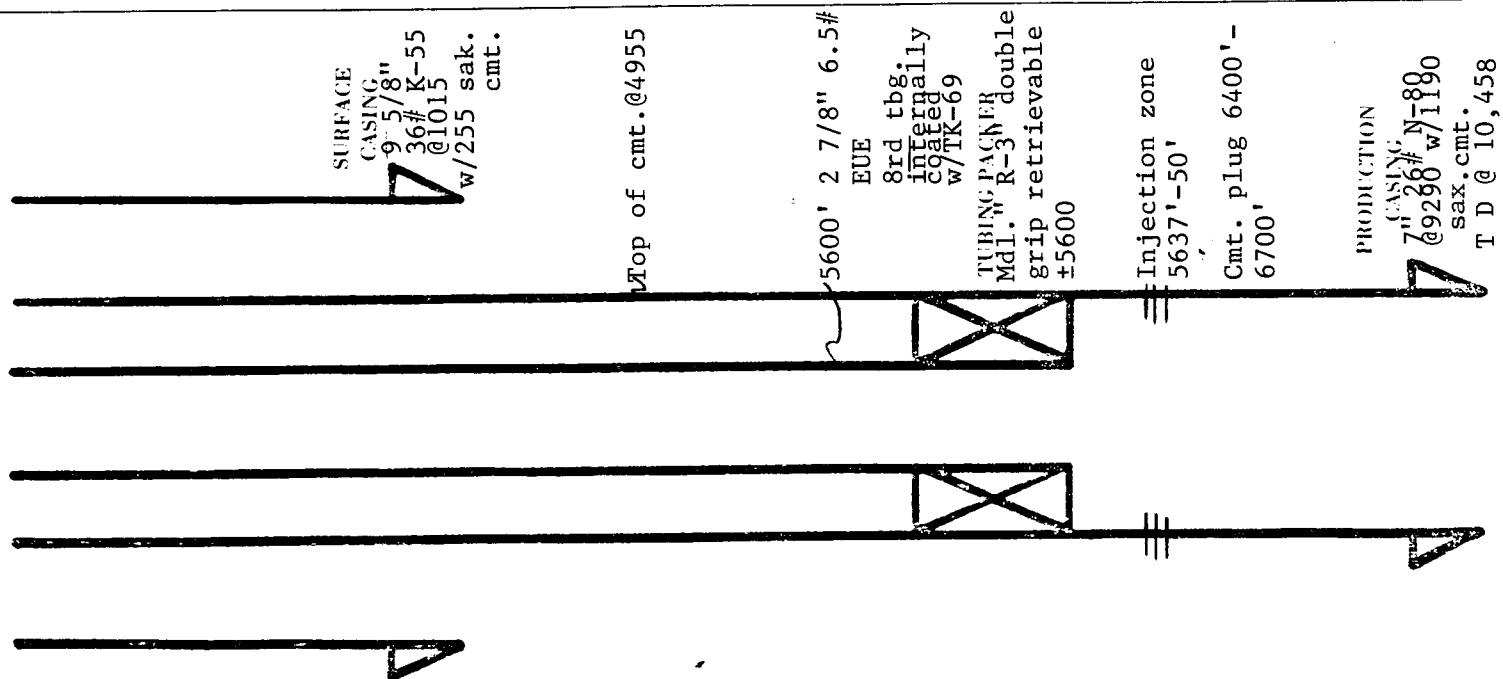
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

Samples not taken because there aren't any F.W. wells

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9 5/8"	1015'	255		
Intermediate					
Production	7"	9290'	1190	4955'	Cmt. Bond Log
Tubing			Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval		Depth - Base of Inj. Interval

SKETCH - SUBSURFACE FACILITY



(To be filed within 30 days after drilling is completed)

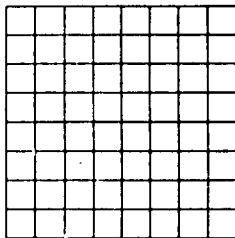
## DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING

Room 4241 State Office Building

Salt Lake City, Utah 84114

API NO

840 Acres  
NLocate Well Correctly  
and Outline LeaseCOUNTY Uintah SEC. 12 TWP. 8S RGE. 21#COMPANY OPERATING Gulf Oil Corp.OFFICE ADDRESS P. O. Box 2619TOWN Casper STATE WY ZIP 8260FARM NAME Wonsits Valley WELL NO. 117DRILLING STARTED 12/10/76 DRILLING FINISHED 2/24/77DATE OF FIRST PRODUCTION ----- COMPLETED -----WELL LOCATED SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  NE  $\frac{1}{4}$ 1684 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 783 FT. FROM WL OF  $\frac{1}{4}$  SEC.ELEVATION DERRICK FLOOR 5064.4 GROUND 5052COUNTY  
LEASE NO.

## TYPE COMPLETION

Single Zone ----- Order No. -----Multiple Zone All Zones Dry Order No. N/AComingled ----- Order No. -----

## LOCATION EXCEPTION

Order No. ----- Penalty -----

## OIL OR GAS ZONES

Name	From	To	Name	From	To
Dry Hole - All Zones					

## CASING &amp; CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
9 5/8"	36#	K-55	1015		255		
7"	26#	N-80	9290		1190		4955

TOTAL DEPTH 10,458'PACKERS SET ±5600  
DEPTH

## FORMATION

SPACING & SPACING  
ORDER NO.CLASSIFICATION  
(Oil; Gas; Dry; Inj. Well)

## PERFORATED

## INTERVALS

## ACIDIZED?

## FRACTURE TREATED?

WasatchGreen River40 AcreDryDry6536'-44'5520'-30' ← *signed*6548-52'5637-50'6572-80'6619-25' 6653-62'1000 gal. 15% HCLfrac w/75,000 gal.

## INITIAL TEST DATA

Date	June 1978	June 1979
Oil. bbl./day	Trace	1
Oil Gravity	N/A	N/A
Gas. Cu. Ft./day	None	Too small to Measure
Gas-Oil Ratio Cu. Ft./Bbl.	N/A	N/A
Water-Bbl./day	170	885
Pumping or Flowing	Swabbing	Flowing
CHOKE SIZE		1"
FLOW TUBING PRESSURE		80 psi

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 307-237-0140D. F. McHugo, Production Engineer

Name and title of representative of company

Subscribed and sworn before me this 19th day of October, 19 82

## CHEMICAL &amp; GEOLOGICAL LABORATORIES

P. O. Box 2794  
Casper, Wyoming

## WATER ANALYSIS REPORT

OPERATOR	Gulf Oil Corporation	DATE	December 23, 1971	LAB NO.	6907-2
WELL NO.	Tank Battery No. 3	LOCATION			
FIELD	Wonsits Valley	FORMATION			
COUNTY	<del>Duchesne</del> Utah	INTERVAL			
STATE	Utah	SAMPLE FROM			

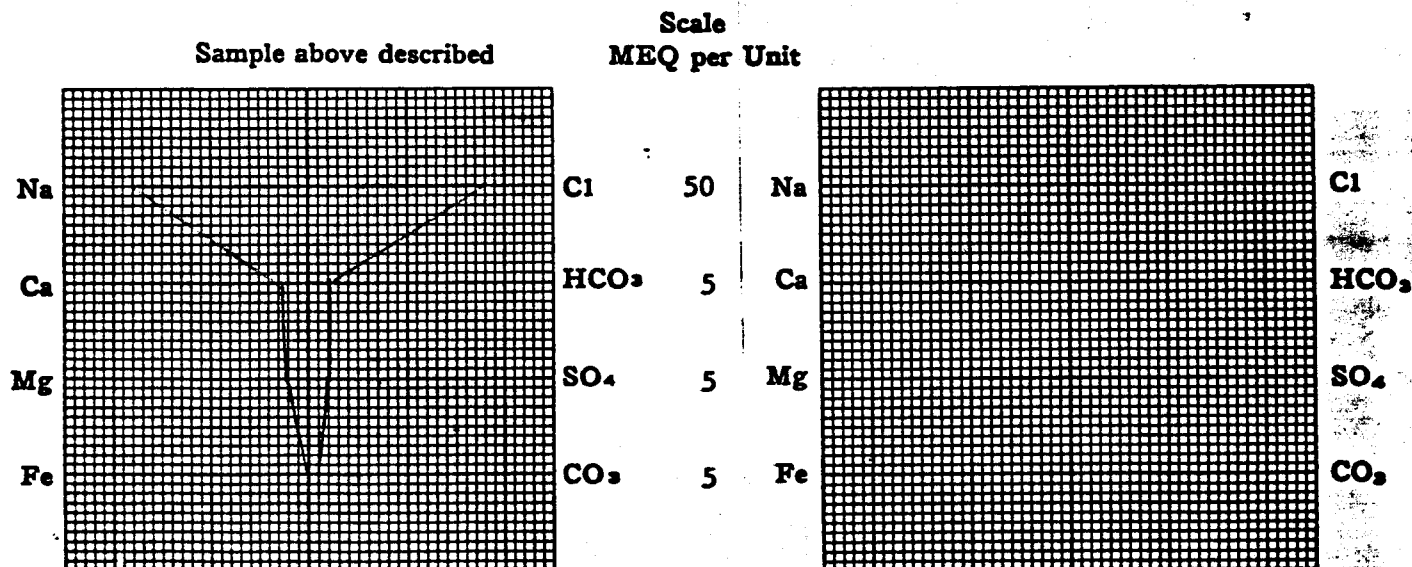
REMARKS &amp; CONCLUSIONS: Slightly cloudy water.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	20,337	884.68	Sulfate	532	11.07
Potassium	150	3.84	Chloride	31,400	885.48
Lithium	-	-	Carbonate	96	3.20
Calcium	250	12.48	Bicarbonate	708	11.61
Magnesium	126	10.36	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations	-	911.36	Total Anions	-	911.36

Total dissolved solids, mg/l	52,239	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	52,955	Observed	0.16 ohm-meters
Observed pH	8.8	Calculated	0.15 ohm-meters

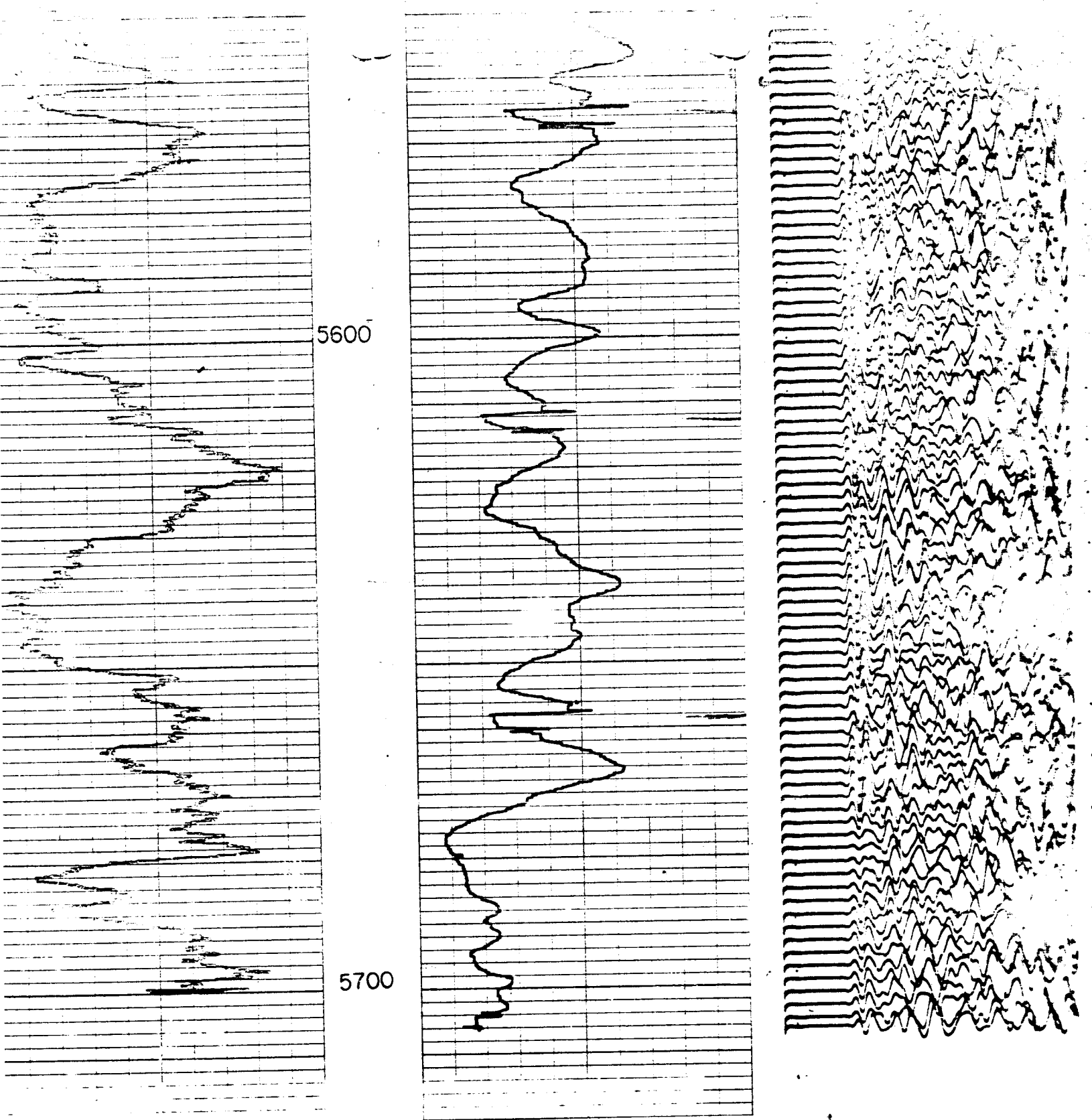
## WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter

Sodium chloride equivalent=by Dunlap &amp; Hawthorne calculation from components



Bond log run 5/19/79

REPEAT SECTION

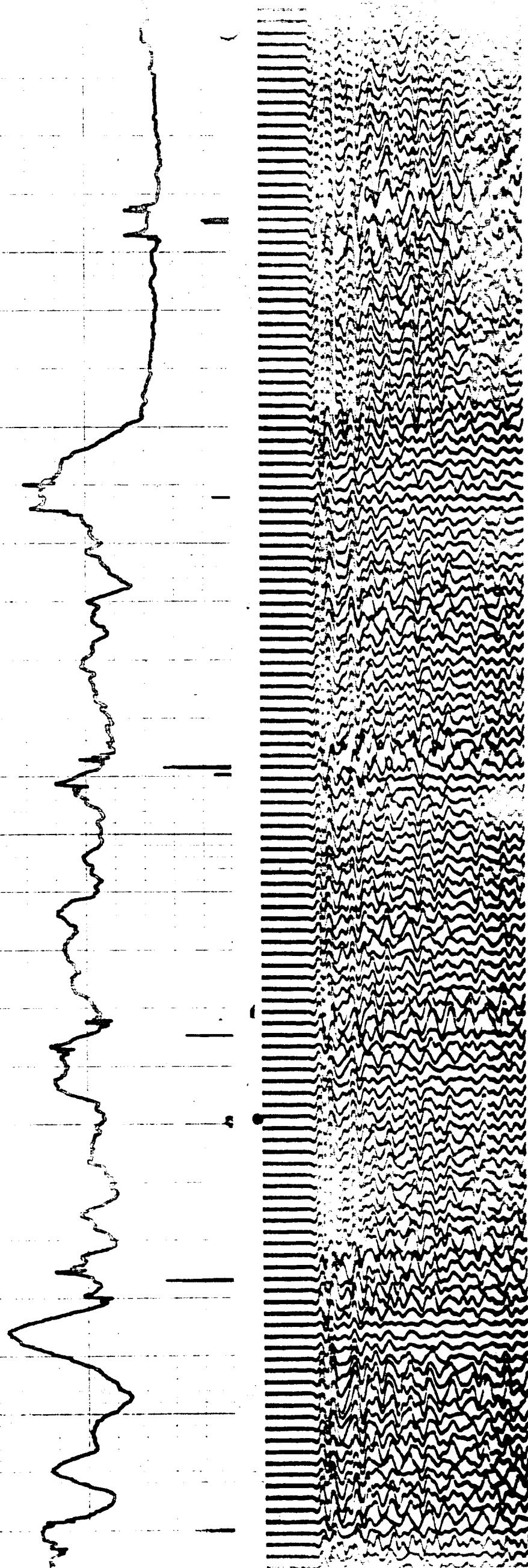


4900

5000

5100

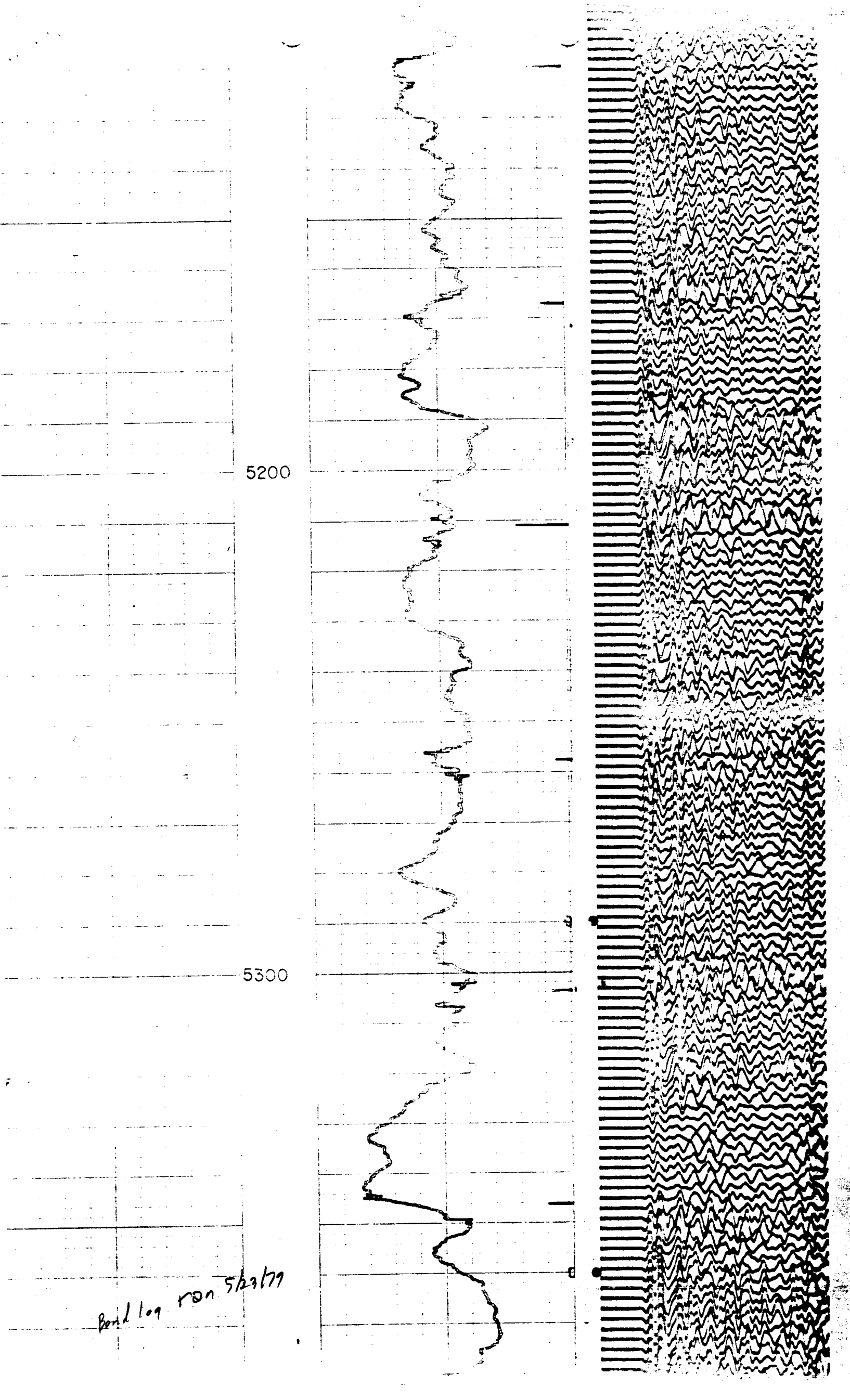
Bred log run 5/23/79



5200

5300

Band 109 run 5/23/79



5400

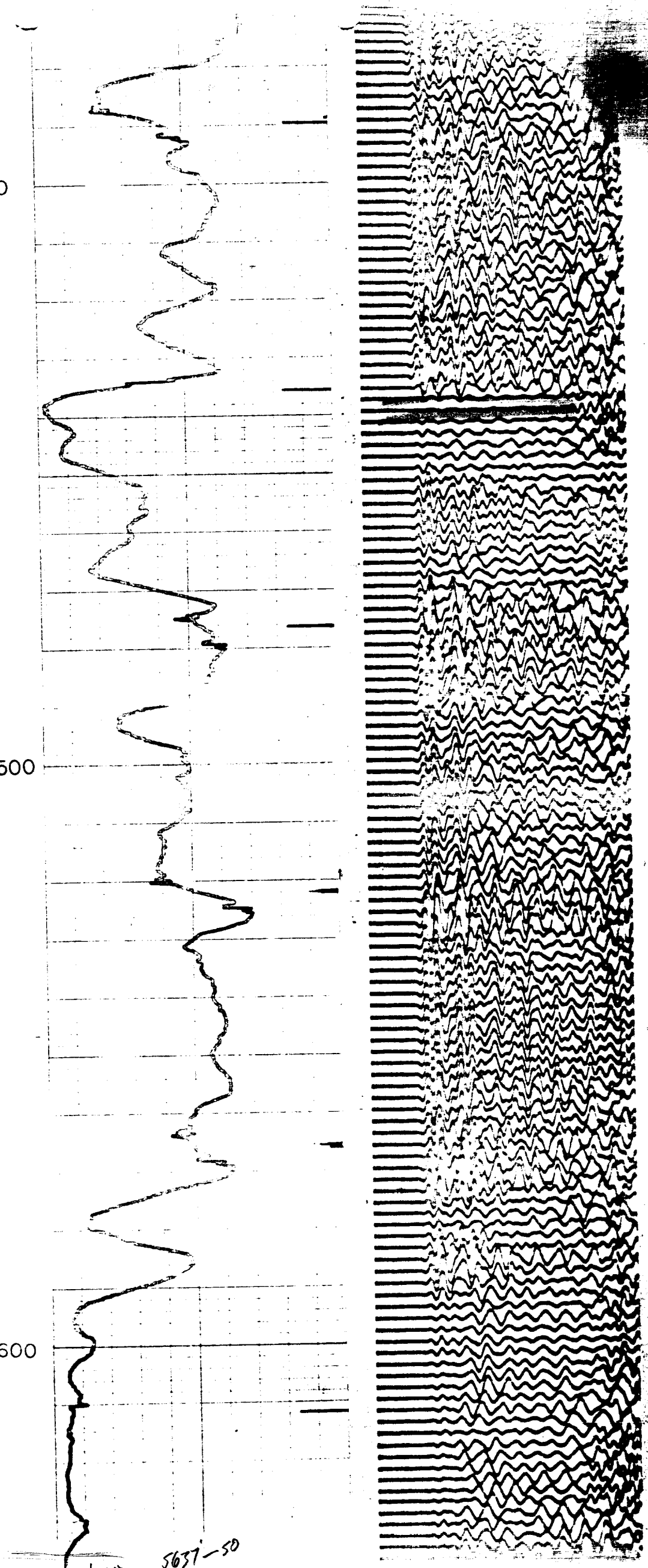
5500

5600

Band log con  
5/27/79

↓ INJ.

5637-50





STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Maineson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 27, 1982

Mr. D.F. McHugo  
Gulf Oil Corporation  
P.O. Box 2619  
Casper, Wyoming 82602

RE: Injection Well Application  
Deficiencies  
Wonsits Valley Unit #117  
Sec. 12, T 8 S, R 21 E  
Uintah County, Utah

Dear Mr. McHugo:

Gulf's application for a Class II Injection Well has been reviewed for compliance with Rule I-5. Please address the following questions and/or comments so the Director can proceed with administrative approval.

1. What is the depth to the base of the lowest known fresh water aquifer in the area?
2. Were all of the old perforations above the injection zone squeezed off?
3. Have surface owners and lease holders within 1/2 mile of this well been notified of this action?
4. What type of pressure regulating and/or shutoff devices will this well or injection system have?
5. Provide a description of the mechanical integrity test performed on this well.
6. Provide a complete copy of the latest cement bond log run on this well. You indicated the top of cement was at 4955', the CBL we have doesn't seem to correspond.

If you have any questions concerning this matter, please call.

Sincerely,



GILBERT L. HUNT  
UIC GEOLOGIST

Enclosure: Rule I-5  
GLH/mm

# Gulf Oil Exploration and Production Company

L. G. Rader  
PRODUCTION MANAGER - CASPER AREA

P. O. Box 2619  
Casper, WY 82602

November 10, 1982

Mr. Gilbert L. Hunt  
UIC Geologist  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Mr. Hunt:

Re: Injection Well Application Deficiencies  
Wonsits Valley Unit #117  
Section 12-T8S-R21E  
Uintah County, Utah

The following information is submitted in reply to your letter of October 27, 1982.

1. In analyzing the logs, possible fresh water zones were found at 1565'-75', 1586'-94', 1676'-94', and 1876'-84' in the Uinta Formation. This would give us approximately 3,750 feet between the injection zone and the base of the fresh water zones.
2. As indicated on the attached diagram the existing perforations above the proposed injection zone (5637'-50') were squeezed off with 100 sacks of cement in June, 1979.
3. The BIA and the BLM hold all surface rights within a half mile radius of #117. Both bureaus have been formally notified of the planned conversion of #117 to an injection well.
4. Pressure regulation will be accomplished by means of a high-low pressure shut down switch controlling the injection pumps at the injection station.



A DIVISION OF GULF OIL CORPORATION

DATE: 11-10-82      FROM: L. G. Rader      TO: Mr. Gilbert L. Hunt      PAGE: 2

5. The casing above a cement retainer set at 5,500' was pressure tested to 1,700 psi on November 5, 1982. It held the 1,700 psi without any bleed off for fifteen minutes.
6. Enclosed is a complete copy of the latest Cement Bond Log ran May 26, 1979. It shows the cement top behind the casing to be at 4,940 feet.

Please refer any further questions to Mr. David F. McHugo at  
(307) 237-0140.

Sincerely,



L. G. Rader

DFM/1k1

Enclosure

# Well Data Sheet

Wonsits Valley Unit #117

Well condition during casing press. test on 11/5/82

9 7/8" O.D. Surface Pipe set @ 1015' w/ 255 SX.

1565'-75'  
1586'-94'  
1676'-94'  
1876'-84'

Possible fresh water zones through log analysis

Top of Cmt. @ 4940'

cmt. ntr. @ 5500'

Perfs @ 5520'-30' cmt. squeezed w/ 100 SX. June 1979

cmt. ntr. @ 5587'

Perfs @ 5637'-50' cmt. squeezed w/ 100 SX. June 1979

Perfs @ 5670'-72' cmt. squeezed w/ 200 SX.

Perf @ 5770' cmt. squeezed w/ 220 SX.

Cement Plug 6400'-6700'

Squeezed Perfs:  
6536'-44'  
6548'-52'  
6572'-80'  
6619'-25'  
6653'-62'

Cement Plug 8500'-8730'

7" OD 26# set @ 9290 w/ 1190 SX.

TD @ 10,458





STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 23, 1982

Newspaper Agency Corp.  
Legal Advertising  
143 South Main  
Salt Lake City, UT

RE: CAUSE NO. UIC-011

Gentlemen:

Attached hereto is a Notice of Hearing/Order to Show Cause, before the Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 30th day of November, 1982. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very, truly yours,

DIVISION OF OIL, GAS AND MINING

*for Paula Frank*

PAULA FRANK  
Secretary of the Board

Attachment



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 23, 1982

Vernal Express  
Legal Advertising  
Vernal, UT 84078

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Very, truly yours,

DIVISION OF OIL, GAS AND MINING

PAULA FRANK  
Secretary of the Board

Attachment

CAUSE NO. UIC-011

Notice was sent to the following:

Newspaper Agency Corp.  
Vernal Express

Gulf Oil Corporation  
P.O. Box 2619  
Casper, WY 82602

Ut. Dept. of Health  
Bureau of Water Pollution Control  
Attn: Jerry Riding  
Room 410  
150 West North Temple  
Salt Lake City, UT 84103

Bureau of Land Management  
P.O. Box 970  
Moab, Ut 84532

Minerals Management Service  
Drawer 500  
Farmington, NM 87401

Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

U.S. Environmental Protection Agency  
Attn: Mike Strieby  
1860 Lincoln Street  
Denver, CO 80295

~~XX~~



**WIRELINE SERVICES**  
**GEARHART-OWEN**

# Cement Bond Log

COMPANY <u>GULF ENERGY AND MINERALS CO. U.S.</u>						
WELL <u>WONSITS VALLEY STATE FEDERAL #117</u>						
FIELD <u>WONSITS VALLEY</u>						
COUNTY <u>UINTAH</u> STATE <u>UTAH</u>						
LOCATION:				OTHER SERVICES:		
SEC. <u>12</u> TWP. <u>8S</u> RGE. <u>21E</u>						
DATUM: <u>GROUND LEVEL</u> ELEV. <u>5052</u>				ELEV.: K.B. <u>5064</u>		
ED FROM <u>K.B.</u> <u>12.4</u> FT. ABOVE PERM. DATUM				D.F. <u>-</u>		
ASURED FROM <u>K.B.</u>				G.L. <u>5052</u>		
5-26-79		Type Fluid in Hole <u>WATER / OIL</u>				
ONE		Dens. Visc.				
Driller 9297		Max. Rec. Temp.				
Logger 5555		Est. Cement Top				
Interval 5555		Equip. Location				
Interval 4000		Recorded By <u>MC CARLEY</u>				
Pipe Size		Witnessed By <u>MR. GETGOOD</u>				
REC.	Size	Wt. Ft	Grade	Type Joint	Top	Bottom
String						
ing						
ring						
PRIMARY CEMENTING DATA						
Surface		Protection		Production		Liner
cement		-		INFO. CENTER		
cement				DS 9539		
e						
by %						
r						
er by %						
slurry						
loss						
ud type						
mud wt.						

COMPRESSIVE STRENGTH (p.s.i. Curing Temp.)			
Time Elapsed	Surface	Protective	Production
24 hrs.	°F	°F	°F
48 hrs.	°F	°F	°F
72 hrs.	°F	°F	°F

PRIMARY CEMENTING PROCEDURE		Bond Equipment Data	
Hour	date	Run No.	Type standoff
			Logging speed
			Sig. Sen.
			Out. Sen.
			T-R Spacing
			Tool Type

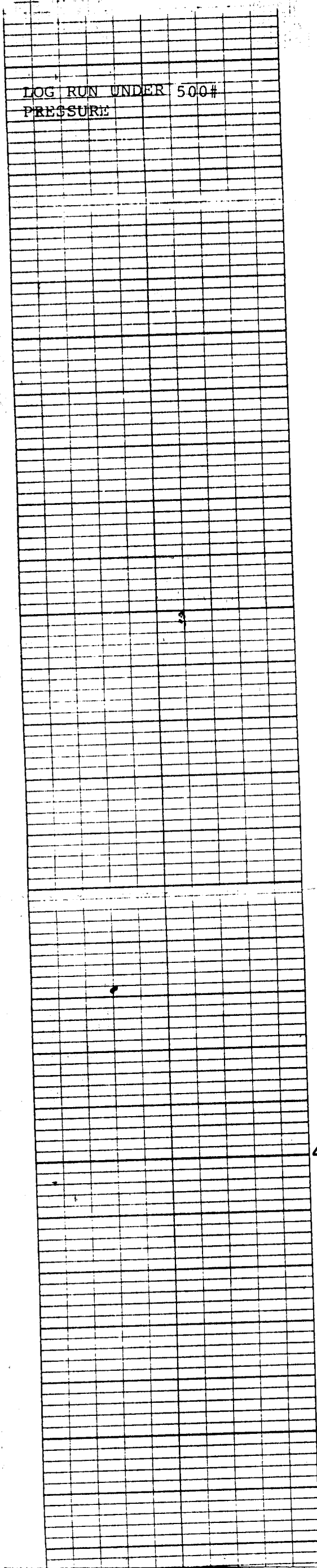
Started pumping cement
Plug on bottom
Release pressure
Start Cement Bond Log

Finish Cement Bond Log		Pipe reciprocated during Pumping: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Preceding fluid _____	Volume _____ bbls.	Pipe reciprocated after plug down: Yes <input type="checkbox"/> min., No <input type="checkbox"/>	
Returns: Full _____	Partial _____	None _____	

GAMMA RAY Collar Log	Depths	AMPLITUDE CURVE BONDING INCREASES ← MILLVOLTS	SIGNATURE CURVE MICRO SECONDS
		0	50

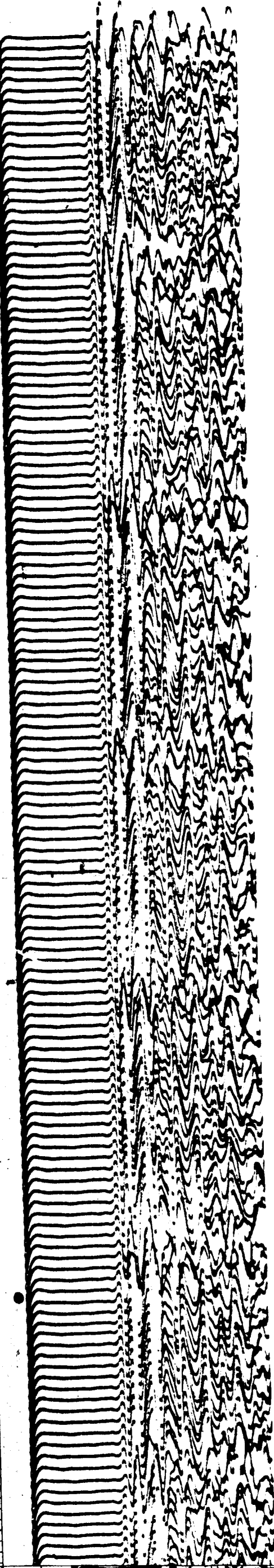
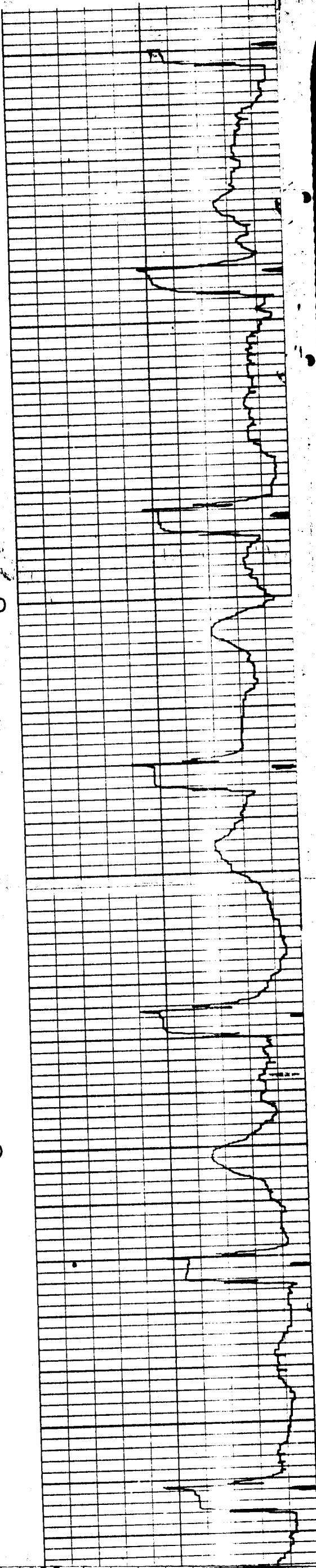
420

LOG RUN UNDER 500#  
PRESSURE



4100

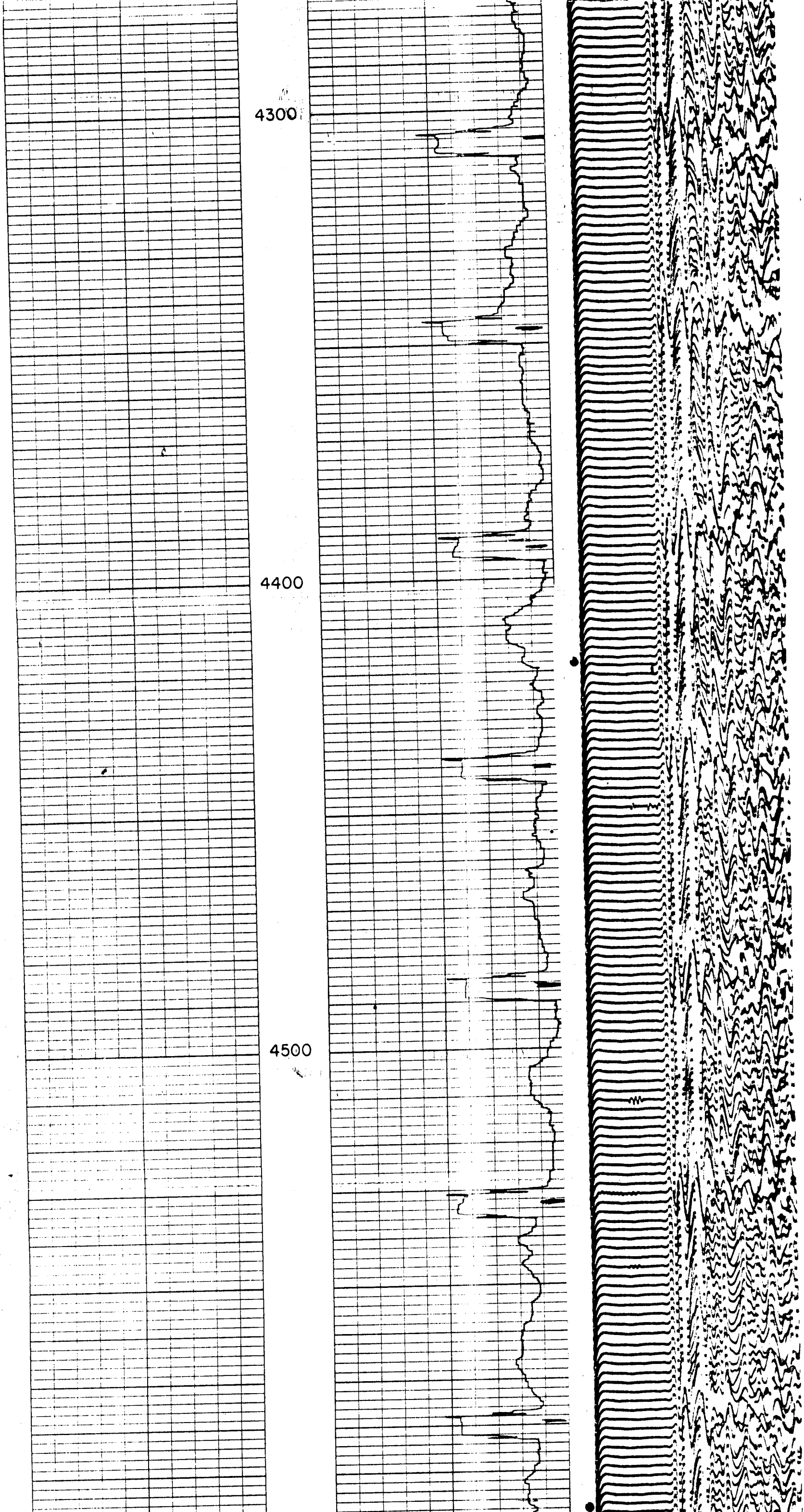
4200



4300

4400

4500

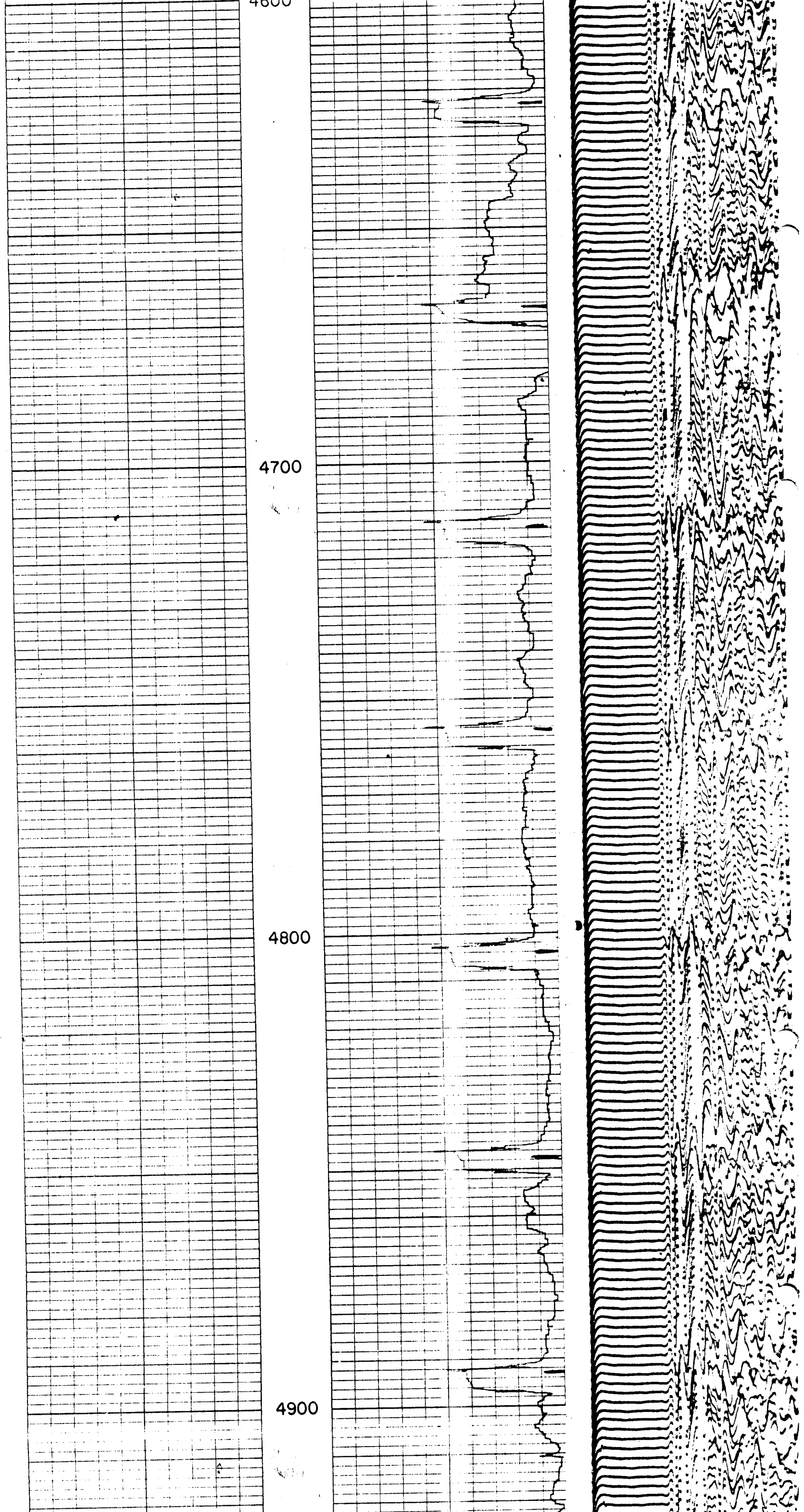


4600

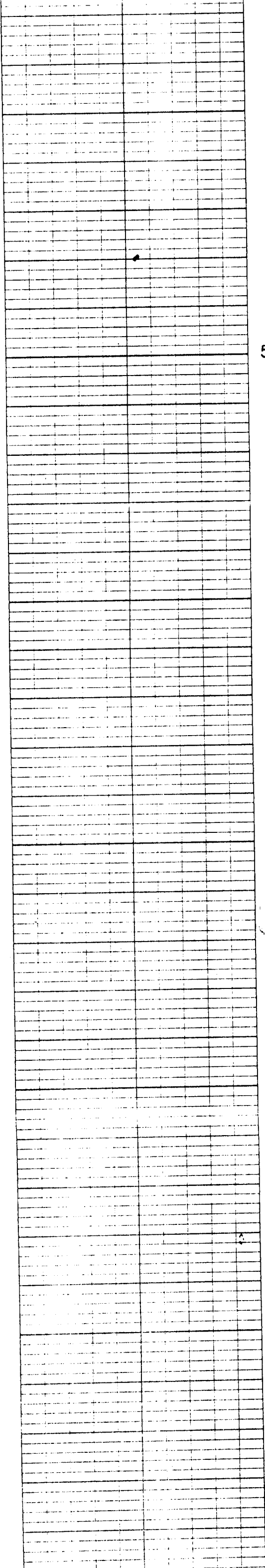
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4800

4900



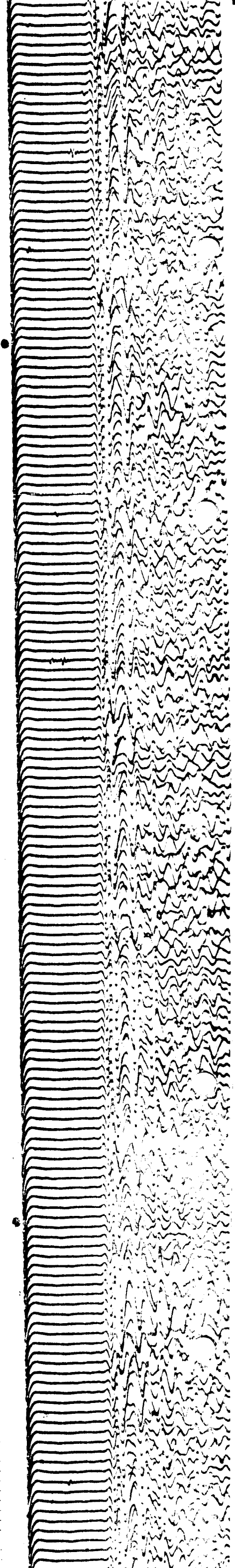
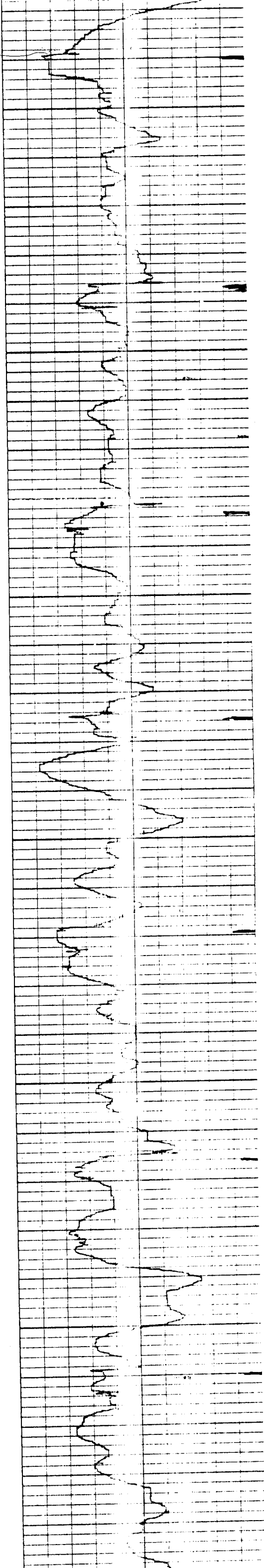




5000

5100

5200





5300

5400

5500

REPEAT SECTION

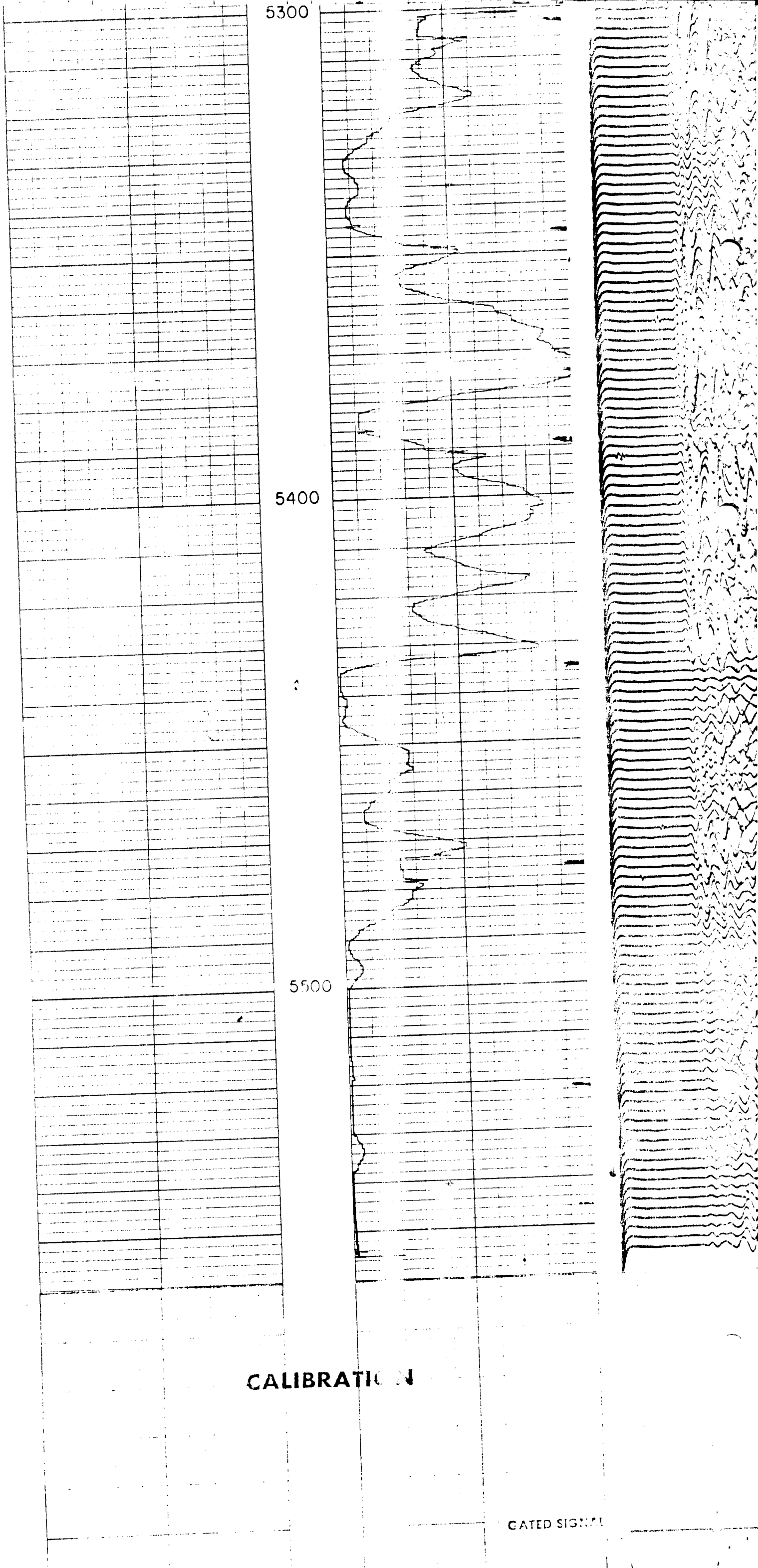
5300

5400

5500

CALIBRATION

GATED SIGNAL



[illegible]

	% Bonding
100% Bonding	
Zero	

Span Adjust

# Affidavit of Publication

STATE OF UTAH. }  
County of Salt Lake } ss.

Debra Miller

BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114  
IN THE MATTER OF THE  
APPLICATION OF GULF OIL  
CORPORATION, FOR ADMIN-  
ISTRATIVE APPROVAL TO  
INJECT WATER INTO A  
WELL LOCATED IN SECTION  
12, TOWNSHIP 8 SOUTH,  
RANGE 21 EAST, UINTAH  
COUNTY, UTAH.  
CAUSE NO. UIC-011  
THE STATE OF UTAH TO  
ALL PERSONS, OWNERS,  
PRODUCERS, OPERATORS,  
PURCHASERS AND TAKERS  
OF OIL AND GAS AND ALL  
OTHER INTERESTED PER-  
SONS, PARTICULARLY IN  
UINTAH COUNTY, UTAH:  
NOTICE IS HEREBY GIVEN  
that Gulf Oil Corporation, P.O.  
BOX 2619, Casper, Wyoming  
82602, is requesting that the  
Division authorize the approval  
to convert the well mentioned  
below, to a water injection well  
as follows:  
Township 8 So. Range 21 East  
Well #117 NW NE  
INJECTION ZONE: Green  
River Formation 5637' to 5650'  
MAXIMUM INJECTION  
PRESSURE: 1400 psi  
MAXIMUM INJECTION  
RATE: 1,000 barrels of water  
per day  
This application will be  
granted unless objections are  
filed with the Division of Oil,  
Gas and Mining within fifteen  
days after publication of this  
Notice. Objections, if any,  
should be mailed to: Division of  
Oil, Gas and Mining, Room 4241  
State Office Building, Salt Lake  
City, Utah 84114.  
STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
PAULA J. FRANK  
Secretary of the Board  
D-42

*Being first duly sworn, deposes and says that he is legal ad-  
vertising clerk of THE SALT LAKE TRIBUNE, a daily news-  
paper printed in the English language with general circula-  
tion in Utah, and published in Salt Lake City, Salt Lake  
County in the State of Utah, and of the DESERET NEWS  
a daily (except Sunday) newspaper printed in the English  
language with general circulation in Utah, and published in  
Salt Lake City, Salt Lake County, in the State of Utah.*

*That the legal notice of which a copy is attached hereto*

*Pub. Application of Gulf Oil Corp. to inject*

*water into a well*

*was published in said newspapers on*

*Dec. 6, 1982*

*Debra Miller*  
Legal Advertising Clerk

*Subscribed and sworn to before me this 7th day of*

*December*

*A.D. 19 82*

*Notary Public*

*My Commission Expires*

*July 23, 1986*

# Affidavit of Publication

STATE OF UTAH. }  
County of Salt Lake } ss.

BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

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COUNTY, UTAH.

CAUSE NO. UIC-011

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as follows:

Township 8 So. Range 21 East  
Well 2117 NW NE  
INJECTION ZONE: Green  
River Formation 507' to 5450'  
MAXIMUM INJECTION  
PRESSURE: 1400 psi  
MAXIMUM INJECTION  
RATE: 1,000 barrels of water  
per day

This application will be  
granted unless objections are  
filed with the Division of Oil,  
Gas and Mining within fifteen  
days after publication of this  
Notice. Objections, if any,  
should be mailed to: Division of  
Oil, Gas and Mining, Room 4241  
State Office Building, Salt Lake  
City, Utah 84114.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
PAULA J. FRANK  
Secretary of the Board

D-67

Debra Miller

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July 23, 1986

CAUSE NO.  
UIC-011

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Oil, Gas and Mining Room  
4241 State Office Building  
Salt Lake City, Utah 84114.

In the matter of the ap-  
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poration, for ad-  
ministrative approval to  
inject water into a well  
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Township 8 South, Range  
21 East, Uintah County,  
Utah.

The State of Utah to all  
persons, owners pro-  
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Utah:

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Injection zone: Green  
River Formation 5637' to  
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pressure: 1400 psi. Max-  
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barrels of water per day.

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Oil, Gas and Mining,  
Room 4241 State Office  
Building, Salt Lake City,  
Utah 84114.

State of Utah  
Division of Oil,  
Gas and Mining

PAULA J. FRANK  
Secretary of the Board

Published in the Vernal  
Express Nov. 26, 1982.

## PROOF OF PUBLICATION

STATE OF UTAH, }  
County of Uintah } ss.

I, Lisa Ann Wardell,

being duly sworn, depose and say, that I  
am the Business Manager of The Vernal  
Express, a semi-weekly newspaper of  
general circulation, published twice each  
week at Vernal, Utah, that the notice at-  
tached hereto was published in said  
newspaper

for one consecutive publications,

the first publication having been made on

the 26th day of November, 1982

and the last on the \_\_\_\_\_ day of

\_\_\_\_\_, 19\_\_\_\_, that said notice

was published in the regular and entire  
issue of every number of the paper during  
the period and times of publication, and  
the same was published in the newspaper  
proper and not in a supplement.

By Lisa Ann Wardell  
Manager

Subscribed and sworn to before me,

this 26th day of November

A. D. 1982.

John P. Spiller  
Notary Public, Residence, Vernal, Utah

June 16, 1985

My Commission expires \_\_\_\_\_

RECEIVED  
DEC 01 1982

DIVISION OF  
OIL, GAS & MINING

CAUSE NO.  
UIC-011

Before the Division of  
Oil, Gas and Mining Room  
4241 State Office Building  
Salt Lake City, Utah 84114.

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poration, for ad-  
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Utah 84114.

State of Utah  
Division of Oil,  
Gas and Mining

PAULA J. FRANK  
Secretary of the Board

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By Lisa Ann Wardell

Manager

Subscribed and sworn to before me,

this 26th day of November

A. D. 1982

Jack R. Wallis  
Notary Public, Residence, Vernal, Utah

June 16, 1985

My Commission expires \_\_\_\_\_

BEFORE THE DIVISION OF OIL, GAS AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

-----  
IN THE MATTER OF THE APPLICATION )  
OF GULF OIL CORPORATION, FOR )  
ADMINISTRATIVE APPROVAL TO INJECT )  
WATER INTO A WELL LOCATED IN ) CAUSE NO. UIC-011  
SECTION 12, TOWNSHIP 8 SOUTH, )  
RANGE 21 EAST, UINTAH COUNTY, )  
UTAH. )  
-----

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS,  
PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS,  
PARTICULARLY IN UINTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Gulf Oil Corporation, P.O. BOX 2619,  
Casper, Wyoming 82602, is requesting that the Division authorize the  
approval to convert the well mentioned below, to a water injection  
well as follows:

Township 8 South, Range 21 East

Well # 117 NW NE

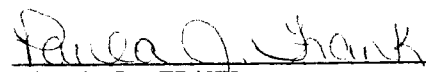
INJECTION ZONE: Green River Formation 5637' to 5650'

MAXIMUM INJECTION PRESSURE: 1400 psi

MAXIMUM INJECTION RATE: 1,000 barrels of water per day

This application will be granted unless objections are filed with  
the Division of Oil, Gas and Mining within fifteen days after publication  
of this Notice. Objections if any, should be mailed to: Division of  
Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City,  
Utah 84114.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
\_\_\_\_\_  
PAULA J. FRANK  
Secretary of the Board



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other

2. NAME OF OPERATOR

Gulf Oil Corporation, Attn: R. W. Huwaldt

3. ADDRESS OF OPERATOR

P. O. Box 2619; Casper, WY 82602-2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 956' SNL & 1857' WEL (NW NE)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

15. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON ☐

(other) Converted to WIW for G-1

SUBSEQUENT REPORT OF:

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5. LEASE  
U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Wonsits Valley

8. FARM OR LEASE NAME  
Wonsits Valley Unit S/F

9. WELL NO.  
117

10. FIELD OR WILDCAT NAME  
Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
12-8S-21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30238

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5052' Ground

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED David P. McHugo TITLE Production Engineer DATE February 23, 1983

D. E. McHugo

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Bureau of Land Management  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104-3884

State of Utah  
Dept. of Natural Resources  
Div. of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

DeGolyer & MacNaughton  
1 Energy Square  
Dallas, TX 75206

RWH-INFO

DFM

CCH

DIST/DIV OKLAHOMA CITY  
AREA CASPER

STRIP LOG REPORT

PAGE 001  
DATE 02/21/83

FIELD WONSITS VALLEY UNIT  
LSE/BLK WONSITS VALLEY FEDERAL UNIT  
WELL #117 REFNO DJ9539  
RIG CANNON #2

LOCATION SEC 12, T8S, R21E  
COUNTY Uintah STATE UT  
GWI 100.0000% OPERATOR GULF  
ST DATE 11/03/82 SUPERVIS /

DFS: 098 02/09/83

WORKOVER

2-09-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5500'. MIRU  
CANNON RIG #2. NU BOP'S ON CSG ADAPTER FLANGE, NO TBG HNGR. PU & TIH W/  
6-1/8" BIT, 7" CSG SCRPR AND 6 DC'S ON 2-7/8", J-55 TBG WRK STRING TO 5501'  
TGD CMT. PU PWR SWIVEL AND BEGAN DO. DRLD 1' OF CMT & STRTD DRLG ON CMT  
RET AT 600PSI. DO 1' ON RET. PUH 10', CIR CLEAN. BLEED LINES. SDFN.

DFS: 099 02/10/83

WORKOVER

2-10-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5503'. BEGAN DO  
CMT. RET AT 5503'. DO TO 5539.83', FELL THRU 5'. DO TO 5571.11' THRU PART OF  
2ND RET. FELL 8' TO 5579.11'. TOUGH DRLG W/LITTLE RETURNS OF RET & CMT.  
DO TO 5597'. PU 10', CIR CLEAN. PUH 60'. SD. HAVE 93' LEFT TO DO.  
SHOULD HAVE DRLD OUT ALL 3 DMT RET, BUT STILL ON RET W/BOTH CMT & METAL  
RETURNS. DOUBLE CHK TALLY. SDFD.

DFS: 102 02/13/83

WORKOVER

2-11-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5600'. ATT TO DO  
CMT RET. NOT MAKING HOLE. RD PWR SWIVEL. POH W/2-7/8" TBG, 6 DC'S, SCRPR  
& 6-1/8" BIT. CHNGD BITS. PU & RIH W/BIT, SCRPR & DC'S ON TBG TO 5597'.  
RU PWR SWIVEL. BEGAN DRLG W/SML RETURNS OF RET & CMT TO 5600'. PU 10'.  
CIR CLEAN. PUH 60'. SDFN.

2-12-83 PU & RIH W/2 JTS OF 2-7/8" TBG TO 5600' & BEGAN DRLG. SLOW DRLG  
AT 1'/HR TO 5603'. 5603'-650' DRLG AT 1'/5-10 MINS W/CMT RETURNS. FELL  
THRU AT 5650' & FIH W/2 JTS OF 2-7/8" TBG TO RET AT 5706'. PULL 1 JT & CIR  
CLEAN W/FSW. POH & LD W/2-7/8" TBG, 6 DC'S, SCRPR & 6-1/8" BIT. SDFN.  
2-13-83 SDFS.

DFS: 103 02/14/83

WORKOVER

2-14-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5730'. RU WELEX.  
RIH W/4" HSC CSG GUN TO PBTD. TGD AT 5730'. PUH & PERF 5637'-50' W/4 JSPF  
23 GR CHRG. POH & RD WELEX. ALL SHOTS FIRED. MI COATED TBG. PU & RIH W/  
COATED BAKER A-2 LOKSET RET PKR FOR 7" 26#/FT CSG, ON COATED 2-7/8", J-55  
TBG. SET PKR AT 5591.65'. ND BOP'S. NU WH. PRESS TSTD CSG ANN TO 1000#  
AND HELD W/NO BLEED OFF. RDMD CANNON WELL SER. SION.

DFS: 104 02/15/83

WORKOVER

2-15-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5730'. PERFS/EMI  
G-1 5637'-50' (4 JSPF). PKR @ 5592'. EOT @ 5590'. DUG OUT AND STRTD  
LAYING WTR INJ LINE. SIFN.

DFS: 105 02/16/83

WORKOVER

2-16-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5730'. PERFS/EMI  
G-1 5637'-50' (4 JSPF). PKR @ 5592'. EOT @ 5590'. COMPL WTR INJ LINE  
HOOK UP. SIFN.

Wonsits Valley Unit  
# 117

DIST/DIV OKLAHOMA CITY  
AREA CASPER

STRIP LOG REPORT

PAGE 002  
DATE 02/21/83

DFS: 106

02/17/83

WORKOVER

2-17-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5730'. PERFS/FMT  
G-1 5637'-50' (4 JSPF). PKR @ 5592'. EOT @ 5590'. EOT @ PKR. MIRU  
NOWSCO. TSTD LINES TO 5000PSI. ACDZ PERFS 5637'-650' W/1500 GALS 15% HCL  
W/150# NT5-546, 8 GALS NAS-291, 8 GALS NMP-703N, 8 GALS NCS-231 & 1 GAL NAI  
-166. HELD 1000PSI ON CSG. CAUGHT PRESS ON TBG AFTER PMPG 2.5 BA. PRESS  
TO 1400PSI, WOULD NOT BRK. PRESS TO 2100PSI. BRK TO 2000PSI W/4.8 BPM.  
FLUSH W/40 BBLs FSW AT 2400PSI W/6.5 BPM. (FLUSHED ACID TO PERFS +6 BBLs  
OVER FLUSH) ISIP=1100PSI, 5 MINS = 100PSI, 10 MINS = VAC. SIW. RDMO  
NOWSCO. HOOKED UP INJ LINE. THROTTLED ON INJ REMAINED PARTIALLY OPEN.  
INJ AT 1440BWP W/0PSI, OVER NITE.

DFS: 109

02/20/83

WORKOVER

2-18-83 API #43-047-30238. CONVERT WELL TO WI. PBTD @ 5730'. PERFS/FMT  
G-1 5637'-50' (4 JSPF). INJECTING AT 1440 BWP W/500PSI. AT 8:30 AM, OPEN  
CHK TO 3/4", INJECTING AT 1584 BWP W/650PSI.  
2-19-83 INJECTING 1395 BWP AT 500PSI. OPENED CHK FULL.  
2-20-83 INJECTING 1440 BWP AT 500PSI. DROP.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ Water Injection Well

2. NAME OF OPERATOR  
Gulf Oil Corporation, Attn: R. W. Huwaldt

3. ADDRESS OF OPERATOR  
P. O. Box 2619 Casper, WY 82602-2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 956' SNL, 1857' WEL (NW NE)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

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(other) Alter injection profile by short-term polymer treatment.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5. LEASE  
U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Wonsits Valley

8. FARM OR LEASE NAME  
Wonsits Valley Unit St. Fed.

9. WELL NO.  
1172

10. FIELD OR WILDCAT NAME  
Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 12-8S-21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30238

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5064 KB 5052 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

SEE ATTACHED PROCEDURE.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED E. U. Syed TITLE Dir. Res. Mgnt. DATE 10-5-84

(This space for Federal or State office use)

APPROVED BY Dean B. Feghali TITLE W.C. Manager DATE 12/10/84

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APR 25 1985

SUNDRY NOTICES AND REPORTS ON WELLS

DIVISION OF OIL AND GAS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

GAS & MINING

1. oil well ☐ gas well ☐ other ☐

2. NAME OF OPERATOR

GULF OIL CORPORATION ATTN R.W.HUWALDT

3. ADDRESS OF OPERATOR

P O BOX 2619, CASPER, WY 82602 2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Blanket Sundry ☐

SUBSEQUENT REPORT OF:

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5. LEASE

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wonsit Valley

8. FARM OR LEASE NAME

Wonsits Valley Unit St/Fed

9. WELL NO.

#117

10. FIELD OR WILDCAT NAME

Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Per conversation between K. S. Aslesen & J. Sparger, on March 27, 1985, Temporary lined work pits will be used for all future casing repair work.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J.R. BOCEK TITLE AREA ENGINEER DATE APR 19 1985

J.R. BOCEK (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

# Gulf Oil Exploration and Production Company

L. G. Rader  
PRODUCTION MANAGER - CASPER AREA

July 2, 1985

P. O. Box 2619  
Casper, WY 82602

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED

JUL 05 1985

Gentlemen:

DIVISION OF  
GAS & MINES

Effective July 1, 1985, the corporate name of Gulf Oil Corporation was changed to Chevron U.S.A. Inc. This will be applicable to all operations, agreements, contracts, documents, and permits of Gulf Oil Corporation in the area of and/or under your jurisdiction.

The attached information is being furnished to facilitate the name change of appropriate records under your authority, and submitted as our understanding of the procedure required to accomplish the change.

Please advise this office or the office listed on the attachments should additional information be needed.

Sincerely,



L. G. Rader

KWR/mdb

Attachments



A DIVISION OF GULF OIL CORPORATION

TELEPHONE: (307) 235-1311

<u>Lease Name</u>	<u>Field</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>State</u>
Wonsits Unit #3	Wonsits WV	32	7S	22E	Uintah	UT
Wonsits Unit #4	Wonsits WV	32	7S	22E	Uintah	UT
Wonsits Unit #5	Wonsits WV	32	7S	22E	Uintah	UT
Wonsits Unit #7	Wonsits WV	5	8S	22E	Uintah	UT
Wonsits Unit #9	Wonsits WV	32	7S	22E	Uintah	UT
Wonsits Valley Unit #1	Wonsits WV	8	8S	22E	Uintah	UT
Wonsits Valley Unit #10	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #100	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #102	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #103	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #104	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #105	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #106	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #107	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #108	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #109	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #11	Wonsits WV	12	8S	22E	Uintah	UT
Wonsits Valley Unit #110	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #111	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #112	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #113	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #114	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #115	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #116	Wonsits WV	7	8S	21E	Uintah	UT
Wonsits Valley Unit #117	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #118	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #12	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #124	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #126	Wonsits WV	21	8S	21E	Uintah	UT
Wonsits Valley Unit #128	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #13	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #132	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #134	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #135	Wonsits WV	21	8S	21E	Uintah	UT
Wonsits Valley Unit #136	Wonsits WV	21	8S	21E	Uintah	UT
Wonsits Valley Unit #137	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #138	Wonsits WV	18	8S	22E	Uintah	UT
Wonsits Valley Unit #14	Wonsits WV	12	8S	21E	Uintah	UT

06/27/85  
leases gulf operated/file2



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector	5. LEASE DESIGNATION AND SERIAL NO. U-0806
2. NAME OF OPERATOR Chevron U.S.A. Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201	7. UNIT AGREEMENT NAME Wonsits Valley Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 956' FNL, 1,857' FEL (NW, NE)	8. FARM OR LEASE NAME WVFU
14. PERMIT NO.	9. WELL NO. 117
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,064' KB	10. FIELD AND POOL, OR WILDCAT
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S. 12, T8S, R21E
	12. COUNTY OR PARISH Uintah
	13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Test and Plug and Abandon	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to log, test and plug and abandon WVFU #117 as follows:

1. MIRU. N/D tree. N/U BOPE and test. Test casing to 500 psi.
2. Pull injection string. Clean out to PBTD at 5,730'.
3. Run CBL - Cased Hole Neutron/Sonic log from 5,700'-4,200'.
4. Set CICR at  $\pm 5,450'$  and cement squeeze perfs at 5,637'-50' (G-1) with 100 sx cement.
5. Cement squeeze zones of interest to 4,200', if necessary.
6. Perforate 5,368'-74', 4,412'-16', 4,353'-74', 4,280'-85', 4,274'-78', 4,264'-68' with 4 SPF. Depths from Schlumberger CNL-FDC dated February 26, 1978, Run #1.
7. Selectively isolate, acidize and swab test each zone as follows:

5,368'-74'	1000 gals.
4,412'-16'	1000 gals.
4,353'-74'	2000 gals.
4,264'-85' (Gross)	1500 gals.

8. If zones are non-productive, displace casing with 9.0 ppg mud. Set CICR at 4,100'. Cement squeeze with  $\pm 250$  sx cement. Leave  $\pm 60'$  cement on top of CICR.

3 - BLM  
3 - State  
1 - BIA  
1 - EEM  
1 - MKD  
3 - Drlg.  
1 - File

\*(Cont'd on attached page).

18. I hereby certify that the foregoing is true and correct

SIGNED J. Blanton

TITLE Office Assistant

DATE September 10, 1987

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action  
is required before commencing  
operations

TITLE \_\_\_\_\_

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side

DATE: 9-17-87  
BY: Original Signed by John H. Daza

Sundry Notices and Reports on Wells

U-0806

Page 2

9. Test casing to 500 psi. Isolate leaks, cement squeeze, if necessary.
10. Perforate 3,150'-52' with 2 SPF. Set CICR at  $\pm 3,050'$ . Cement squeeze with 100 sx cement leaving  $\pm 60'$  on top of CIQR.
11. Spot balanced cement plug from 300' to surface.
12. Pressure test 9-5/8" x 7" annulus to  $\pm 200$  psi. If injection is established, cement with  $\pm 100$  sx cement. If no injection is established, perform 1" job to 100' and circulate cement to surface in 9-5/8" x 7" annulus after cutting off wellhead.
13. N/D BOPE. Cut off wellhead. Install regulation dry-hole marker.
14. Release rig and move off.
15. Rehabilitate surface location.

CHEVRON U.S.A. INC.

TRANSMITTAL OF DATA

DATE: 10/27/87

WELL: WVF #117

LOCATION: SEC 12 - 85 - 21E  
UTAH UTAH

SENT TO: DIVISION OF OIL & GAS  
3 TRIAD CENTER, STE 350  
SALT LAKE CITY UTAH 84180-1203

Attention: RONALD J. FIRTH

DESCRIPTION:

QUANTITY:

CAL/VOL ✓

1

CNL ✓

1

DIGITAL SONIC ✓

1

rec'd 11-6-87

VC-DOSM

TOTAL

3

TRANSMITTAL OF DATA BY

Mary Chaverri  
MARJ CHAVERRI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Ludget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐ Plugged and Abandoned
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations. See also space 17 below.)  
At surface

NOV 23 1987

DIVISION OF  
OIL, GAS & MINING

956' FNL, 1857' FEL (NW, SE)

14. PERMIT NO. 43-047-30238 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5064' KB
16. UNIT AGREEMENT NAME Wonsits Valley Federal
17. FARM OR LEASE NAME WVFU
18. WELL NO. 117
19. FIELD AND POOL, OR WILDCAT
20. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T8S, R21E
21. COUNTY OR PARISH Uintah 22. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

- TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☐  
(Other) ☐

SUBSEQUENT REPORT OF:

- WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☒  
(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WVFU #117 was tested, plugged and abandoned on 11-16-87 as follows:

1. MIRU Gudac Well Service on 10-20-87. N/U and tested BOPE.
2. Pulled injection string. Cleaned out to PBTD @ 5730'.
3. Ran cement bond log.
4. Perforated 5410'-12'. Cement squeezed with 100 sx. Perforated 5368'-70'. Cement squeezed with 100 sx cement. Perforated 5368'-5374' (E-3). Acidized perfs @ 5368'-74' with 500 gals 15% HCL. Swab tested. Set CIBP @ 5200'.
5. Perforated 4450'-52'. Cement squeezed with 200 sx. Perforated 4412'-14'. Cement squeezed with 100 sx cement. Perforated 4412'-16'. Swab tested. Cement squeezed with 100 sx cement.
6. Perforated 4372'-74', 4353'-55. Cement squeezed with 100 sx cement. Perforated 4353'-74'. Acidized perfs @ 4353'-74' with 500 gals 15% HCL. Swab tested. Cement squeezed with 100 sx cement. Perforated 4283'-85'. Cement squeezed with 100 sx cement. Perforated 4283'-4285'. Cement squeezed with 100 sx. Perforated 4280'-85', 4274'-78', and 4264'-68'. Swab tested. Cement squeezed all perfs with 100 sx cement. (CICR @ 4219').
7. Perforated 3150'-52'. Set CICR @ 3052'. Cement squeezed with 100 sx. Displaced casing with 9.0 ppg mud. Spot cement plug from 300' to surface. Pressure test 9-5/8" x 7" annulus to 300 psi. Ok. Cut-off wellheads. Installed dry-hole marker. Released rig.

3-BLM 1-BIA 1-MKD 1-PLM 1-COS  
3-State 1-EEM 3-Drig 1-Sec. 724-C 1-File

18. I hereby certify that the foregoing is true and correct

SIGNED *J. K. Watson*

TITLE Technical Assistant

DATE 11-20-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 11-24-87

BY *John R. Boyer*

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Ludger Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
956' FNL, 1857' FEL (NW, SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5064' KB

5. LEASE DESIGNATION AND SERIAL NO.  
U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Wonsits Valley Federal

8. FARM OR LEASE NAME  
WVFU

9. WELL NO.  
117

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12, T8S, R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		
PCLL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input checked="" type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

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18. I hereby certify that the foregoing is true and correct

SIGNED *J. B. Watson*

TITLE Technical Assistant

DATE 11-20-87

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side

DATE: 11-24-87

BY: Original Signed by John B. Berra

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.